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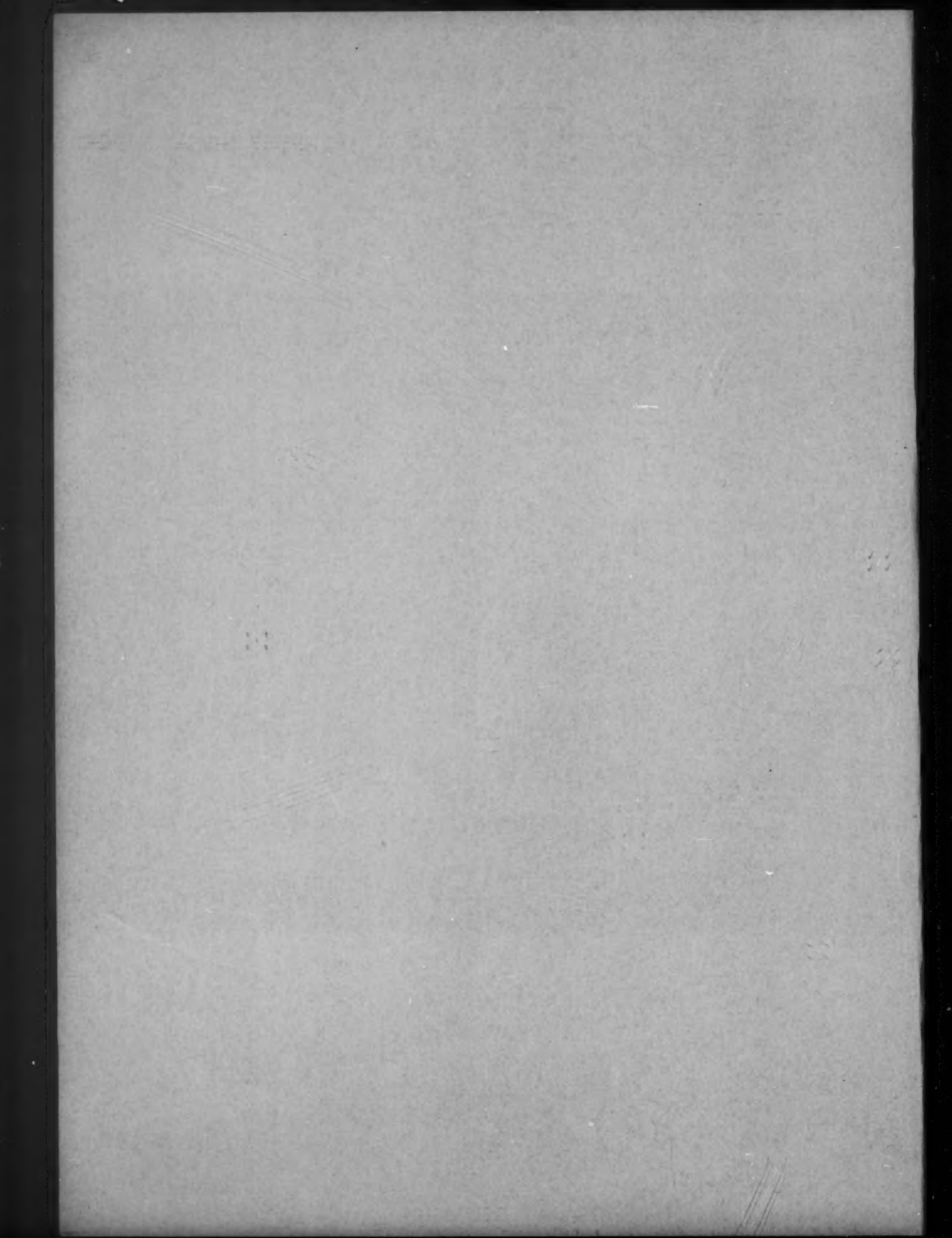


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- Theoretical and applied mechanics. 4837: ★Third All-Union Congress on Theoretical and Applied Mechanics (Moscow, January 25-February 1, 1968): Abstracts of papers.
- Theory of games: Positional games. 4906: ★Theory of games: Positional games.
- Theory of Graphs: International Symposium. 1350: ★Theory of graphs: International Symposium.
- Theory of probability. Mathematical statistics. Theoretical cybernetics. 1964. 6: ★Theory of probability. Mathematical statistics. Theoretical cybernetics. 1964.
- Third Mathematical Summer School (Kaciveli, 1965). 1881: ★Third Mathematical Summer School (Kaciveli, June-July, 1965): Constructive theory of functions.
- Topological dynamics. 7126: ★Bibliography for topological dynamics.
- Topology. 5932: ★Studies in modern topology.
- Transactions of the Moscow Mathematical Society. 1262: ★Transactions of the Moscow Mathematical Society for the Year 1965. 1263: ★Transactions of the Moscow Mathematical Society for the Year 1965. 6248: ★Transactions of the Moscow Mathematical Society for the Year 1966.
- Udmurt State Pedagogical Institute. 1253: ★Proceedings and reports of a scientific conference of the Faculties of Physics, Mathematics and Natural Science.
- University education in computing science. 2336: ★University education in computing science.
- Vorträge der 3. Tagung über Probleme und Methoden der Mathematischen Physik. Heft 1, 2. 6249: ★Vorträge der 3. Tagung über Probleme und Methoden der Mathematischen Physik. Heft 1, 2.

SUBJECT CLASSIFICATION

This is a list of headings, with code numbers, under which articles were classified during the second half of 1968. The headings in capital letters are identical with those appearing in the monthly issues.

00. GENERAL

- 00 General mathematics
- 04 Collections of papers: Proceedings of conferences of general interest, translation volumes, etc. (See also 01.60)
- 20 General bibliographies
- 30 Dictionaries and other general reference works
- 50 Methodology and philosophy of mathematics

01. HISTORY AND BIOGRAPHY

- 01 General histories, source books
- 02 Primitive
- 05 Pre-Greek, Babylonian, Egyptian
- 08 Greek
- 10 Far East
- 12 Islam
- 15 Medieval
- 18 15th and 16th centuries, Renaissance
- 20 17th century
- 25 18th century
- 30 19th century
- 35 20th century
- 40 Contemporary
- 50 Biographies, obituaries, personalia
- 60 Collected or selected works; reprintings or translations of classics

02. LOGIC AND FOUNDATIONS

- 10 Classical deductive systems, general
- 12 Propositional calculus, two-valued
- 16 Predicate calculus
- 18 Classical proof theory
- 20 Non-classical logic, general
- 23 Intuitionism
- 25 Many-valued logic
- 27 Modal logic
- 30 Formal syntax and linguistics, general
- 32 Higher-order languages
- 35 Infinitary languages
- 38 Languages with additional quantifiers
- 40 Algebraic logic, general
- 42 Boolean algebras, lattices, topologies
- 45 Algebra of relations
- 48 Cylindric and polyadic algebras
- 50 Model theory, general
- 52 Semantics and metamathematics, categoricity
- 54 Axiomatics and applications, decision methods
- 57 Non-standard models
- 60 Axiomatic set theory, general
- 63 Formalization of set theory
- 65 Consistency, independence, existence
- 68 Measurability, accessibility, other special questions
- 70 Recursive function theory, general
- 72 Arithmetic and recursive analysis
- 74 Undecidability
- 75 Unsolvability in mathematical systems
- 77 Hierarchies
- 80 Algorithms and machines, general
- 82 Turing, Post, Thue schemes
- 85 Combinatory logic
- 88 Abstract automaton theory (See also 94.40)

04. SET THEORY

- 15 Point sets
- 20 Relations (See also 08.20)

- 30 Transfinite numbers
- 40 Descriptive set theory; Borel classifications, Suslin schemes, etc. (See also 28.10)
- 60 Combinatorial (See also 05.04)

05. COMBINATORIAL THEORY, GRAPH THEORY

- 04 Combinatorial choice problems; subsets, representatives
- 05 Factorials, binomial coefficients, combinatorial functions
- 10 Combinatorial enumeration problems, generating functions
- 15 Combinatorial inequalities
- 20 Block designs (See also 62.61)
- 22 Difference sets (number-theoretic, group-theoretic, etc.)
- 24 Orthogonal arrays, Latin squares
- 25 Matrices
- 27 Finite geometries (See also 50.60)
- 30 Other designs, configurations
- 35 Matroids, geometric lattices
- 40 Graphs, general theory
- 45 Trees
- 50 Topological graph theory, embedding (See also 55.10)
- 55 Chromatic theory of graphs and maps
- 60 Directed graphs (digraphs)
- 62 Graphs and groups
- 65 Enumeration of graphs and maps

06. ORDER, LATTICES, ORDERED ALGEBRAIC STRUCTURES

- 10 Total order
- 20 Partial order
- 30 Lattices, generalizations
- 35 Complemented lattices, generalizations
- 40 Modular lattices, continuous geometries, generalizations
- 50 Distributive lattices, generalizations
- 60 Boolean algebras and rings
- 65 Order topologies (See also 54.56)
- 70 Ordered semigroups, other generalizations of groups
- 75 Ordered groups
- 78 Ordered abelian groups
- 80 Ordered linear spaces (See also 46.06)
- 85 Ordered rings, algebras, modules (See 12.70 for ordered fields)
- 90 Other ordered algebraic structures

08. GENERAL MATHEMATICAL SYSTEMS

- 10 Concrete categories, structures (See also 18.10)
- 20 Laws of composition
- 30 Universal algebra, general algebraic structures
- 40 Other

10. THEORY OF NUMBERS

- 01 General books
- 02 Tables
- 03 Computations
- 05 Elementary number theory, general
- 06 Congruences, residues
- 07 Special functions and sequences
- 08 Elementary prime number theory
- 09 Expansions and algorithms
- 10 Diophantine equations, general
- 11 Linear and quadratic equations
- 12 Cubic and quartic equations
- 13 Equations of higher degree
- 14 Local (p -adic) theory
- 15 Forms, general
- 16 Quadratic, Hermitian forms
- 17 Forms of degree ≥ 3
- 18 Multilinear forms

- 20 Modular functions and forms, automorphic functions (See also 20.65, 30.49, 32.65)
 - 21 Modular group, modular functions
 - 22 Automorphic forms, one variable
 - 23 Several variables
 - 25 Geometry of numbers
 - 30 Diophantine approximation
 - 31 Linear approximation, continued fractions
 - 32 Algebraicity, irrationality and transcendence
 - 33 Distribution modulo 1, normal numbers
 - 34 Analytic and p -adic theory
 - 40 Analytic multiplicative theory, general
 - 41 Analytic tools (Zeta- and L -functions, exponential sums, etc.)
 - 42 Distribution of the integers with specified multiplicative structure (including primes)
 - 43 Number-theoretic functions
 - 45 Analytic additive theory, general
 - 46 Sums of powers, generalizations
 - 47 Additive questions concerning primes
 - 48 Partitions, generating functions
 - 49 Sequences
 - 50 Probabilistic number theory
 - 55 Combinatorial problems in number theory (See also 05.00)
 - 60 Sequences of integers, general
 - 61 Recursive and other special sequences
 - 62 Addition of sequences, basis, essential components, etc.
 - 63 Density of special sequences
 - 64 Sieves
 - 65 Algebraic number theory, general (See also 12.50)
 - 66 Individual algebraic number fields (quadratic, cubic, cyclotomic, Kummer, etc.)
 - 67 Local theory (valuations, finite extensions of p -adic fields)
 - 68 Class field theory, complex multiplication
 - 69 Arithmetic of general rings
 - 75 Arithmetic theory of algebraic objects
 - 76 Polynomials
 - 77 Finite fields, power series fields
 - 78 Valued fields, algebraic function fields
 - 79 Matrices
 - 80 Decidability, other logical questions
12. FIELDS AND POLYNOMIALS
 - 10 Division rings (See also 16.46)
 - 20 Finite fields (See also 10.77)
 - 25 Polynomials over finite fields
 - 30 Polynomials
 - 40 Galois theory (See also 12.80, 13.70, 16.70)
 - 45 Algebraic extension fields
 - 50 Algebraic number fields (See also 10.65)
 - 70 Valuations, topological fields, ordered fields (See also 10.78, 13.98)
 - 75 Transcendental extension fields
 - 78 Algebraic function fields (See also 10.78, 14.35)
 - 80 Differential and difference algebra; differential Galois theory
13. COMMUTATIVE ASSOCIATIVE RINGS AND ALGEBRAS (See also 16.00)
 - 10 General theory
 - 15 Integral domains, unique factorization domains
 - 20 Ideal theory
 - 25 Chain conditions; Artinian rings, Noetherian rings
 - 30 Radical theory
 - 40 Modules, representation
 - 50 Structure, classification
 - 60 Automorphisms, derivations
 - 70 Galois theory
 - 80 Extension theory
 - 90 Homological methods
 - 93 Rings of polynomials, formal power series
 - 95 Local rings
 - 98 Valuations (See also 12.70)
14. ALGEBRAIC GEOMETRY
 - 01 Algebraic varieties in real and complex spaces, classical algebraic geometry
 - 05 Algebraic geometry over abstract fields and rings, general
 - 08 Foundational questions
 - 10 Theories of equivalence
 - 15 Transformations and correspondences
 - 18 Singularities
 - 20 Algebraic curves, surfaces and special varieties
 - 35 Algebraic function fields (See also 10.78, 12.78)
 - 40 Arithmetic properties of varieties
 - 45 Rationality questions
 - 47 Weil conjectures, Riemann hypotheses
 - 48 Zeta functions for varieties (including mod p questions)
 - 49 Geometric analogues of arithmetic questions
 - 50 Group varieties (algebraic groups), abstract analytic groups
 - 51 Abelian varieties
 - 52 Abstract derivations and differentials
 - 53 Sheaf-theoretic and homological methods
15. LINEAR AND MULTILINEAR ALGEBRA, MATRIX THEORY
 - 05 Vector spaces, linear dependence, rank
 - 10 Linear equations
 - 15 Matrix inversion, generalized inverses
 - 20 Determinants, permanents, other special matrix functions
 - 25 Eigenvalues and eigenvectors
 - 30 Canonical forms, reductions, classification
 - 35 Matrix equations and identities
 - 38 Commutativity
 - 40 Algebraic systems of matrices (See also 16.48, 20.75)
 - 45 Matrices over special rings (quaternions, finite fields, etc.)
 - 48 Matrices of integers (See also 10.79)
 - 50 Linear inequalities
 - 55 Inequalities involving eigenvalues and eigenvectors
 - 58 Miscellaneous inequalities involving matrices
 - 60 Positive matrices
 - 65 Stochastic matrices
 - 70 Quadratic and bilinear forms, inner products
 - 75 Clifford algebras
 - 80 Multilinear algebra, tensor products
 - 85 Vector and tensor algebra, theory of invariants
 - 90 Exterior algebra, Grassman algebras
16. ASSOCIATIVE RINGS AND ALGEBRAS (See also 13.00)
 - 10 General theory
 - 15 Integral domains, unique factorization domains (non-commutative)
 - 20 Ideal theory
 - 25 Chain conditions; Artinian rings, Noetherian rings
 - 30 Radical theory
 - 32 Nil, nilpotent, radical rings
 - 40 Modules, representation
 - 42 Primitive rings
 - 44 Semisimple rings
 - 46 Simple rings, division rings
 - 48 Matrix rings
 - 49 Rings with polynomial identity
 - 50 Structure, classification
 - 53 Prime rings
 - 55 Rings with annihilator conditions
 - 56 Regular rings
 - 58 Rings with involution
 - 60 Automorphisms, derivations
 - 70 Galois theory
 - 80 Extension theory
 - 90 Homological methods
 - 94 Finite rings
 - 96 Semirings, other generalizations of rings (See also 08.00)
 - 98 Topological rings

17. NONASSOCIATIVE RINGS AND ALGEBRAS

- 10 General
- 20 Power associative
- 30 Lie (See also 22.80)
- 40 Jordan
- 50 Alternative
- 60 Other

18. CATEGORY THEORY, HOMOLOGICAL ALGEBRA

- 10 Abstract categories and functors (See also 08.10)
- 15 Abelian categories
- 20 Homological algebra

20. GROUP THEORY AND GENERALIZATIONS

- 08 Varieties of groups
- 10 Group presentations; free groups, generators, relations
- 15 Periodic groups
- 18 Groups with local properties
- 20 Groups acting on sets, permutation groups
- 22 Automorphism groups
- 25 Finite group theory
- 27 Structure of groups, classification
- 29 Simple groups
- 30 Abelian groups
- 40 Nilpotent, solvable, p -groups
- 43 Sylow subgroups, Π -subgroups
- 48 Group extensions
- 50 Homological methods in group theory
- 51 Limits of systems of groups
- 52 General products of groups (including semi-direct, wreath, free, amalgamated)
- 54 Special subgroups
- 56 Series of subgroups
- 58 Lattices of subgroups
- 60 Crystallographic and discrete geometric groups
- 65 Modular groups, discrete subgroups of classical groups
- 70 Classical groups (See also 22.55)
- 72 Collineation groups
- 75 Linear groups, general (See also 14.50)
- 80 Representations, characters, group algebras
- 85 Representations of symmetric groups
- 90 Semigroup algebras, representations, characters
- 92 Semigroups, general theory (See also 06.70)
- 93 Semigroups, structure and classification
- 95 Other binary systems; groupoids, quasigroups, loops
- 97 Ternary systems; heaps, semiheaps, heapoids
- 98 n -ary systems (See also 08.00)

22. TOPOLOGICAL GROUPS AND LIE THEORY

- 05 Topological semigroups and other generalizations of groups
- 10 Topological groups
- 20 Locally compact groups (See also 28.75 for Haar measure, 42.50 for LCA groups)
- 40 Transformation groups (See also 54.80, 54.82, 57.47)
- 50 Lie groups
- 55 Classical groups (See also 14.50, 20.70)
- 57 Representations and analysis of classical groups (See also 81.22)
- 60 Representations and analysis, general
- 65 Harmonic analysis on non-abelian groups (See 42.50 for LCA groups)
- 70 Homogeneous spaces, symmetric spaces (See also 53.66, 53.73, 57.45)
- 80 Lie algebras of Lie groups (See also 17.30)
- 90 Other Lie theory

26. FUNCTIONS OF REAL VARIABLES

- 10 Foundations: limits and generalizations, elementary topology of the line

20 Calculus

- 21 Elementary functions
- 30 Continuity and related questions (modulus of continuity, semicontinuity, discontinuities, etc.)
- 35 Classification of real functions; Baire classification of sets and functions (See also 28.00)
- 40 Differentiation, general theory; mean-value theorems (See also 28.16)
- 41 Non-differentiability (non-differentiable functions, points of non-differentiability), discontinuous derivatives
- 43 Generalized derivatives, derivatives of fractional order
- 44 Antidifferentiation
- 45 Denjoy integral, other special integrals
- 46 Integrals of Riemann, Stieltjes and Lebesgue type (See also 28.00)
- 49 Functions of bounded variation, generalizations
- 50 Monotonic functions, generalizations
- 52 Convexity, generalizations
- 54 Fixed-point theorems
- 55 Several variables, implicit function theorems, Jacobians, transformations with several variables
- 56 Length, area, volume
- 60 Polynomials
- 70 Inequalities (of a general and miscellaneous character)
- 80 Real-analytic functions, C^∞ functions

28. MEASURE AND INTEGRATION

- 10 Classes of sets (Borel fields, σ -rings, etc.), measurable sets, Suslin sets, analytic sets (See also 04.40)
- 13 Real- or complex-valued set functions, contents, measures, outer measures, capacities, etc.
- 16 Abstract differentiation theory, differentiation of set functions (See also 26.40)
- 20 Measurable and non-measurable functions; modes of convergence
- 25 Integration with respect to measures and other set functions
- 30 Integration theory via linear functionals (Radon measures, Daniell integrals, etc.)
- 40 Measures and integrals in product spaces
- 46 Measures and integrals in function spaces, linear spaces; Wiener measure
- 50 Vector-valued measures and integrals, integration of vector-valued functions
- 55 Integration and disintegration of measures, lifting theory
- 60 Measures and integrals with values in general ordered systems
- 65 Measures on Boolean rings, measure algebras
- 70 Measure-preserving transformations, flows (dynamical systems), ergodic theory
- 75 Invariant measures, Haar measure (See also 22.20)
- 80 Length, area, volume; other geometric measure theory

30. FUNCTIONS OF A COMPLEX VARIABLE

- 01 General questions, foundations
- 02 Monogenic properties of complex functions (also polygenic and areolar monogenic functions)
- 09 Inequalities in the complex domain
- 10 Polynomials
- 11 Zeros of polynomials
- 20 Power series
- 21 Behavior on the boundary of convergence. Overconvergence
- 24 Dirichlet series
- 25 Continued fractions
- 28 Analytic continuation
- 30 Sequences and series of analytic functions; uniform convergence, normal families, normal functions
- 35 Integration; integral representations; Cauchy integral, Poisson and Poisson-Stieltjes integrals
- 36 Moment problems; interpolation problems
- 40 Conformal mapping, general theory
- 41 Capacity, harmonic measure
- 42 Univalent functions

- 43 Coefficient problems
 - 44 Multivalent functions
 - 45 Riemann surfaces, uniformization
 - 46 Algebraic functions, Abelian integrals
 - 47 Quasiconformal mapping
 - 49 Automorphic functions and modular functions
 - 50 Maximum principle. Schwarz's lemma, Phragmén-Lindelöf theorems
 - 52 Extremal problems in the complex domain
 - 55 Entire functions, general theory
 - 56 Entire functions, representation by Dirichlet series
 - 57 Entire functions, growth estimates
 - 58 Entire functions, distribution of values
 - 60 Meromorphic functions, general theory
 - 61 Distribution of values, Picard-type theorems, Nevanlinna theory, defect (deficiency) theory
 - 62 Theory of cluster sets, prime ends, boundary behavior
 - 65 Bounded functions, positive real part, Blaschke products
 - 66 Bounded mean modulus, bounded characteristic
 - 67 H_p classes and other restrictions
 - 70 Approximation by polynomials and rational functions in the complex domain
 - 75 Boundary value problems, Dirichlet problem
 - 77 Special boundary value problems; Riemann-Hilbert problem. Inverse boundary problems
 - 79 Algebroid functions
 - 80 Topological function theory, functions topologically equivalent to analytic mappings
 - 81 Generalized analytic mappings. Pseudo-analytic functions of Bers, Vekua, etc.
 - 83 Functions of hypercomplex variables and generalized variables (See also 32.80)
 - 85 Spaces of analytic functions (See also 46.30)
 - 86 Kernel function and applications
 - 87 Algebras of analytic functions (See also 46.55)
31. POTENTIAL THEORY
- 10 Harmonic functions in the plane
 - 11 Harmonic functions, general
 - 15 Subharmonic, superharmonic functions
 - 20 Boundary value problems, Dirichlet problem
 - 21 Capacity and harmonic measure
 - 22 Generalized capacity and potential
 - 30 Biharmonic and polyharmonic functions and equations
 - 35 Poisson's equation
 - 50 Axiomatic potential theory
32. SEVERAL COMPLEX VARIABLES
- 02 Foundations, general questions
 - 05 Polynomials, entire functions
 - 10 Power series, formal theory
 - 15 Integral representations
 - 17 Inequalities
 - 20 Domains of holomorphy
 - 22 Pseudoconvexity
 - 25 Local properties of holomorphic functions
 - 27 Removable singularities
 - 32 Complex symmetric spaces
 - 35 Bergman kernel function
 - 40 Analytic manifolds
 - 44 Analytic varieties
 - 47 Analytic spaces
 - 49 Stein spaces
 - 50 Analytic sheaves and cohomology theory
 - 60 Holomorphic mappings
 - 65 Automorphic functions
 - 70 Approximation theorems
 - 80 Nonarchimedean function theory
33. SPECIAL FUNCTIONS
- 04 Number-theoretic functions, special sequences
 - 10 Exponential and trigonometric functions
 - 15 Gamma and beta functions
 - 17 Error function, probability integral
 - 19 Elliptic functions and integrals
 - 20 Hypergeometric functions, generalizations
 - 21 E -functions, G -functions
 - 25 Cylindrical functions; Bessel functions
 - 27 Spherical functions; Legendre polynomials and functions, spherical harmonics, ultraspherical polynomials
 - 28 Lamé, Mathieu, spheroidal wave functions
 - 30 Wave functions
 - 32 Gegenbauer functions
 - 40 Orthogonal special functions and polynomials (Čebyšev, Hermite, Jacobi, Laguerre, etc.) (See also 42.15)
 - 45 Other special functions
 - 50 Special functions and Lie groups
34. ORDINARY DIFFERENTIAL EQUATIONS
- 02 Solutions in closed form; integration by quadratures; reduction of differential equations
 - 04 General existence and uniqueness theorems; continuous dependence of solution on parameter, initial and boundary conditions
 - 06 Differential equations in the complex domain
 - 10 Analytical theory: series, transformations, transforms, operational calculus, etc.
 - 20 Linear equations and systems, general
 - 30 Boundary value problems for linear equations: spectral theory, asymptotic behavior of eigenfunctions, distribution of eigenvalues (See also 47.60)
 - 36 Nonlinear and multi-point boundary value problems
 - 40 Qualitative theory, general
 - 41 Limit cycles, singular points
 - 42 Zeros, growth, oscillation and comparison of solutions
 - 45 Nonlinear oscillations, periodic and almost periodic solutions, integral manifolds, averaging method
 - 50 Asymptotic expansions, asymptotic behavior of solutions, turning points
 - 51 Stability
 - 53 Perturbations
 - 54 Singular perturbations; small parameter with highest derivative
 - 60 Equations and systems with randomness (See 60.75 for stochastic differential equations)
 - 65 Dynamical systems, systems on manifolds
 - 70 Differential equations of infinite order
 - 75 Functional differential equations: differential-difference equations, equations with retarded argument
 - 85 Optimal control problems
 - 90 Differential inequalities
 - 95 Differential equations in Banach and other abstract spaces
35. PARTIAL DIFFERENTIAL EQUATIONS
- 01 Existence and uniqueness theorems, general
 - 02 Successive approximations
 - 03 Cauchy-Kowalewski theorems, series solutions
 - 04 Variational methods, a priori estimates
 - 05 Analytic methods; singularities
 - 06 Other special methods
 - 07 Dependence of solutions on initial and boundary data, parameters
 - 09 Geometric theory, characteristics, transformations
 - 10 Qualitative theory, general
 - 11 Comparison theorems; oscillation, zeros and growth of solutions
 - 12 Periodic solutions
 - 13 Perturbations
 - 14 Singular perturbations, almost periodic solutions
 - 15 Stability and control, boundedness
 - 16 Asymptotic behavior of solutions
 - 19 Differential inequalities; a priori estimates
 - 20 Generalized solutions

SUBJECT CLASSIFICATION

- 21 Embedding theorems, Sobolev spaces (See also 46.38)
 - 23 Pseudodifferential operators (See also 47.65)
 - 24 Regularity of generalized solutions
 - 30 Linear equations and systems, first order
 - 31 Linear equations and systems, higher order
 - 35 Nonlinear equations and systems, first order
 - 36 Nonlinear equations and systems, higher order
 - 37 Cauchy problems
 - 38 Discontinuous coefficients or data
 - 39 Equations and systems with constant coefficients
 - 42 Second order elliptic equations
 - 43 Higher order elliptic equations
 - 44 Elliptic systems (linear or nonlinear)
 - 45 Boundary value problems for elliptic equations
 - 46 Boundary value problems for elliptic systems
 - 47 Quasilinear elliptic equations and systems
 - 48 Hypoelliptic equations and systems
 - 52 Second order hyperbolic equations
 - 53 Hyperbolic systems, hyperbolic equations of higher order
 - 55 Boundary value problems for hyperbolic equations and systems
 - 57 Quasilinear hyperbolic equations and systems
 - 62 Second order parabolic equations
 - 63 Parabolic systems, parabolic equations of higher order
 - 65 Boundary value problems for parabolic equations and systems
 - 70 Equations and systems of mixed type (boundary value problems, etc.)
 - 75 Laplace's equation, reduced wave equation, Poisson's equation
 - 76 Wave equation
 - 77 Schrödinger equation
 - 78 Heat equation
 - 79 Other special equations and problems
 - 80 Eigenvalue problems, spectral theory, eigenfunction expansions (See also 47.65)
 - 88 Difference-partial differential equations; equations with time lag
 - 95 Operator equations, general (See also 34.95)
 - 96 Equations on manifolds
 - 97 Equations in function spaces
39. FINITE DIFFERENCES AND FUNCTIONAL EQUATIONS
- 10 Finite differences, general
 - 20 Difference equations (See also 65.70)
 - 30 Functional equations, general
 - 31 Classical functional equations
 - 33 Linear and multilinear functional equations
 - 35 Functional equations in several variables, systems
 - 37 Matrix functional equations
 - 38 Functional equations on abstract structures
40. SEQUENCES, SERIES, SUMMABILITY
- 10 Series and sequences of numbers, general
 - 11 Infinite products
 - 12 Continued fractions
 - 13 Convergence and divergence
 - 15 Multiple series and sequences
 - 20 Sequences and series of functions, convergence
 - 30 Summability, general methods
 - 31 Summability, matrix methods
 - 32 Cesàro summability
 - 33 Abel, Poisson summability
 - 35 Summability of double series
 - 40 Convergence and summability of integrals
 - 42 Tauberian theorems
 - 46 Functional-analytic methods in summability theory
 - 50 Summability in topological groups, linear spaces, etc.
41. APPROXIMATIONS AND EXPANSIONS
- 10 Interpolation
 - 15 Polynomial approximation (See also 30.70)
 - 17 Approximation by rational functions (See also 30.70)
 - 30 Approximation by other special function classes
 - 35 Approximation by operators (in particular, by integral operators)
 - 40 Best approximation
 - 41 Degree of approximation, rate of convergence
 - 44 Approximate quadratures
 - 50 Asymptotic expansions
 - 55 Constructive theory of functions
 - 60 Abstract approximation theory; approximation in normed linear spaces and other abstract spaces
42. FOURIER ANALYSIS
- 05 Trigonometric polynomials
 - 06 Best approximation by trigonometric polynomials
 - 08 Trigonometric interpolation
 - 10 Fourier coefficients
 - 11 Convergence of Fourier series
 - 12 Absolute convergence of Fourier series
 - 15 Orthogonal functions and polynomials, general (See also 33.40)
 - 16 Expansions in orthogonal functions and polynomials
 - 17 Completeness of sets of orthogonal functions
 - 18 Completeness, closure, spectral synthesis
 - 20 Summability of Fourier and generalized Fourier expansions
 - 25 Fourier transform
 - 26 Other Fourier-type transforms
 - 27 Trigonometric moment problems
 - 30 Almost periodic functions
 - 35 Positive definite functions
 - 40 Multiple Fourier series and integrals
 - 50 Abstract harmonic analysis (Fourier analysis on LCA groups) (See also 22.65)
 - 51 Characters, duality
 - 52 Fourier-Stieltjes transform
 - 54 Positive definite functions on LCA groups
 - 55 Convolution, factorization
 - 56 Measure algebras, group algebras (See also 46.80)
 - 58 Ideals, spectral synthesis
44. INTEGRAL TRANSFORMS, OPERATIONAL CALCULUS
- 10 Laplace transform
 - 25 Convolution
 - 28 General transforms
 - 30 Special transforms: Legendre, Hilbert, etc. (See also 45.33)
 - 32 Multiple transforms
 - 33 Transforms of special functions
 - 40 Operational calculus
 - 42 Operational calculus in several variables
 - 50 Fractional integrals (See also 26.43)
 - 60 Moment problems (See also 42.27)
45. INTEGRAL EQUATIONS
- 10 Linear integral equations, general (See also 47.70)
 - 11 Fredholm equations
 - 12 Eigenvalue problems
 - 13 Volterra equations
 - 15 Singular equations
 - 20 Systems of linear equations
 - 30 Nonlinear integral equations (See also 47.80)
 - 31 Singular nonlinear equations
 - 33 Miscellaneous special kernels (See also 44.30)
 - 40 Integro-differential equations, ordinary
 - 45 Integro-partial differential equations
46. FUNCTIONAL ANALYSIS
- 01 Topological linear spaces
 - 06 Ordered TLS; vector lattices
 - 10 Normed linear spaces, Banach spaces
 - 15 Inner product spaces, Hilbert spaces, spaces with an indefinite metric
 - 20 Other special spaces
 - 25 Spaces of continuous functions

- 30 Spaces of differentiable and analytic functions
- 35 Spaces of measurable functions; L^p spaces, Orlicz spaces
- 38 Sobolev spaces, embedding theorems, interpolation spaces (See also 35.21, 47.65)
- 40 Distributions, generalized functions
- 45 Derivatives and differentials in abstract spaces
- 50 Topological algebras, normed rings and algebras, Banach algebras: general theory
- 55 Commutative Banach algebras; function algebras
- 60 Rings and algebras with an involution, \ast -algebras: general theory
- 65 Rings and algebras of operators (with or without involution); C^\ast -algebras, von Neumann algebras
- 80 Group algebras, convolution algebras (See also 22.65, 42.56)
- 90 Miscellaneous applications of functional analysis
- 47. OPERATOR THEORY
 - 10 Single linear operators, general theory
 - 20 Operators in ordered spaces
 - 25 Operators in function spaces and other special spaces (See also 28.70)
 - 30 Spectral theory, functional calculus
 - 35 Reducibility, invariant subspaces
 - 40 Structure, classification, canonical forms
 - 45 Compact (completely continuous) operators
 - 48 Perturbation theory
 - 50 Semigroups and groups of operators
 - 55 Other systems of operators (See also 46.65)
 - 60 Ordinary differential operators (See also 34.30)
 - 65 Partial differential operators (See also 35.80)
 - 70 Integral and integro-differential operators
 - 80 Nonlinear operators, general theory
 - 85 Fixed-point theorems (See also 54.85)
 - 90 Miscellaneous applications
- 49. CALCULUS OF VARIATIONS, OPTIMAL CONTROL (See also 93.40)
- 50. GEOMETRY (See also 14.00)
 - 05 Foundations
 - 10 Euclidean
 - 14 Constructions
 - 20 Affine geometry, general
 - 25 Transformations
 - 30 Projective geometry, general
 - 35 Transformations
 - 38 Second-order loci
 - 40 Non-Euclidean geometry (i.e. hyperbolic or elliptic)
 - 48 Special geometries
 - 60 Finite geometries (See also 05.27)
 - 70 Projective planes
 - 90 Regular figures, divisions of space (See also 52.00)
- 52. CONVEX SETS AND GEOMETRIC INEQUALITIES
 - 10 Convex polyhedra
 - 25 Convex curves
 - 30 Convex regions
 - 34 Helly-type theorems
 - 40 Extremum problems and geometric inequalities
 - 45 Packing and covering (See also 50.90)
 - 50 Distance geometries
- 53. DIFFERENTIAL GEOMETRY
 - 01 Curves and surfaces in Euclidean spaces
 - 04 Minimal surfaces
 - 10 Affine differential geometry
 - 20 Projective differential geometry
 - 23 Differential line geometry
 - 25 Conformal differential geometry
 - 30 Non-Euclidean differential geometry
 - 32 Other special differential geometries
- 35 Vector and tensor analysis
- 38 Spinor analysis
- 40 Differentiable manifolds (general theory), e.g., definitions, jets, tangent bundles (See also 57.30)
- 42 Differential invariants (local theory), geometric objects
- 45 Differential calculus (global theory); forms, currents, integration, tensor fields, etc. (See also 57.50)
- 50 Connections, general
- 52 G -structures
- 55 Affine connections
- 60 Projective connections
- 66 Homogeneous manifolds (See also 22.70, 57.45)
- 70 Local Riemannian geometry
- 72 Riemannian manifolds
- 73 Symmetric spaces (See also 22.70, 57.45)
- 74 Submanifolds, isometric imbeddings (See also 57.20)
- 75 Global surface theory (convex surfaces)
- 78 Lorentz metrics and generalizations
- 80 Hermitian and Kählerian structures (See also 32.00, 57.60)
- 85 Finsler spaces and generalizations (areal metrics)
- 90 Integral geometry
- 95 Direct methods (G -spaces of Busemann), geometric orders
- 99 Other generalizations
- 54. GENERAL TOPOLOGY
 - 10 Axiomatics; generalizations of topological spaces, syntopogenous spaces
 - 20 Topological spaces, general
 - 22 Convergence notions
 - 23 Separation axioms, T_1 -spaces
 - 25 General constructs (products, quotients, limits, etc.)
 - 28 Function spaces
 - 30 Uniform structures, proximity spaces
 - 35 Metric spaces, metrizability
 - 38 Moore spaces
 - 40 Countability conditions, separability, Lindelöf spaces
 - 50 Paracompact spaces
 - 52 Compactness, local compactness, generalizations
 - 53 Compactifications, other extensions
 - 55 Connectedness, continua
 - 56 Ordered topological spaces (See also 06.65)
 - 60 Mappings
 - 65 Set-valued mappings
 - 70 Dimension theory (See also 55.38)
 - 75 Topology of E_n , 2-manifolds
 - 78 Topology of E_n , n -manifolds ($n > 2$)
 - 80 Transformation groups and semigroups (See also 22.40)
 - 82 Topological dynamics
 - 85 Fixed-point theorems, coincidence theorems, etc. (See also 47.85)
- 55. ALGEBRAIC TOPOLOGY
 - 10 Graphs, map-coloring (See also 05.40)
 - 20 Knots, links (See also 57.20)
 - 25 Cell-complexes, simplicial complexes
 - 30 Homology and cohomology theories; K -theory
 - 32 Sheaves
 - 34 Cohomology operations, Steenrod algebra
 - 36 Periodic transformations, fixed points, coincidences (Smith theory)
 - 38 Dimension theory (See also 54.70)
 - 40 Homotopy theory, general
 - 42 Algebra of mappings (including cohomotopy groups)
 - 45 Computation of homotopy groups
 - 50 Fiber spaces (See also 57.30)
 - 52 Spectral sequences
 - 60 Manifolds (See also 53.40, 54.78, 57.01)
 - 66 Generalized manifolds, local homology
 - 68 Homotopy manifolds
 - 70 Imbedding, immersion (See also 57.20)

SUBJECT CLASSIFICATION

57. TOPOLOGY AND GEOMETRY OF MANIFOLDS

- 01 Topological manifolds, combinatorial manifolds (See also 55.60)
- 05 Geometric topology
- 10 Differentiable structures, cobordism
- 20 Differentiable mappings, imbeddings, immersions, diffeomorphisms (See also 53.74, 55.70)
- 30 Fiber bundles, vector bundles (See also 53.40, 55.50)
- 31 Topology of differentiable manifolds (See also 54.78)
- 32 Characteristic classes
- 34 Topology of vector and tensor fields
- 36 Foliations (See also 34.65)
- 40 Topology of Lie groups
- 45 Topology of homogeneous spaces (See also 22.70, 53.66, 53.73)
- 47 Transformation groups (See also 22.40, 54.80)
- 50 Analysis on differentiable manifolds (See also 53.72)
- 55 Infinite-dimensional manifolds
- 60 Complex manifolds (See also 32.00, 53.80)
- 70 Infinite Lie groups, deformations

60. PROBABILITY

- 02 Axioms, foundations
- 05 Probabilistic measure theory
- 08 Probability in topological groups, other structures
- 10 Combinatorial probability
- 15 Geometric probability
- 20 Distributions, characteristic functions
- 30 Limit theorems
- 40 Stochastic processes, general theory
- 50 Stationary processes
- 60 Markov processes, general
- 62 Hunt processes, diffusion processes, Brownian motion, probabilistic potential theory
- 65 Markov chains
- 66 Random walks
- 67 Branching processes; Galton-Watson, birth-and-death processes
- 69 Other special processes
- 70 Renewal theory
- 75 Stochastic differential and integral equations
- 80 Queueing, congestion, allocation, storage
- 90 Other applications

62. STATISTICS

- 05 Foundations: axiomatics, sufficiency, invariance, other general considerations
- 10 Distribution theory
- 15 Asymptotic theory
- 16 Exact and asymptotic efficiency
- 20 Estimation: parametric case
- 25 Hypothesis testing: parametric case
- 30 Decision theory
- 31 Ranking and selection
- 35 Bayesian inference
- 40 Multivariate analysis
- 41 Classification and discrimination
- 45 Sequential methods
- 50 Information-theoretic methods
- 55 Linear statistical inference, regression analysis
- 56 Analysis of variance; hierarchical models
- 60 Design and analysis of experiments, general
- 61 Construction of designs (See also 05.20)
- 62 Optimal designs
- 63 Factorial designs
- 64 Paired and multiple comparisons
- 70 Non-parametric methods
- 71 Goodness-of-fit tests
- 75 Order statistics
- 80 Engineering statistics; life testing and reliability, quality control
- 85 Statistical analysis of stochastic processes; time series

- 90 Sample surveys
- 95 Count data, contingency tables
- 97 Biometrics
- 99 Other applications

65. NUMERICAL METHODS

- 05 Tables, construction of tables
- 10 General mathematical methods; iteration, acceleration of convergence, numerical experiments
- 15 Monte Carlo methods
- 20 Interpolation, smoothing, least squares, curve fitting, approximation of functions
- 25 Computation of special functions, series, integrals
- 30 Mathematical programming and optimization techniques
- 33 Linear inequalities
- 35 Linear equations, determinants, matrices
- 40 Eigenvalues, eigenvectors
- 50 Solution of algebraic and transcendental equations and systems
- 55 Numerical differentiation and integration, quadrature, cubature, etc.
- 60 Ordinary differential equations, general
- 61 Initial value problems
- 62 Boundary value problems
- 65 Partial differential equations, general
- 66 Elliptic equations
- 67 Hyperbolic equations
- 68 Parabolic equations
- 70 Difference and functional equations
- 75 Integral and integro-differential equations
- 80 Error analysis
- 82 Miscellaneous inequalities
- 85 Graphical methods
- 90 Harmonic analysis and synthesis

68. COMPUTING MACHINES

69. GENERAL APPLIED MATHEMATICS

70. MECHANICS OF PARTICLES AND SYSTEMS

- 34 Ordinary differential equations
- 35 Partial differential equations
- 45 Integral and integro-differential equations
- 49 Calculus of variations
- 60 Probability
- 65 Numerical methods

73. ELASTICITY, PLASTICITY

- 34 Ordinary differential equations
- 35 Partial differential equations
- 44 Integral transforms
- 45 Integral and integro-differential equations
- 46 Functional analysis
- 49 Calculus of variations
- 60 Probability
- 65 Numerical methods

76. FLUID MECHANICS, ACOUSTICS

- 34 Ordinary differential equations
- 35 Partial differential equations
- 41 Approximations and expansions
- 44 Integral transforms
- 45 Integral and integro-differential equations
- 46 Functional analysis
- 49 Calculus of variations
- 60 Probability
- 65 Numerical methods

78. OPTICS, ELECTROMAGNETIC THEORY

- 31 Potential theory
- 34 Ordinary differential equations
- 35 Partial differential equations

SUBJECT CLASSIFICATION

- 45 Integral and integro-differential equations
- 65 Numerical methods
80. CLASSICAL THERMODYNAMICS, HEAT TRANSFER
 - 31 Potential theory
 - 35 Partial differential equations
81. QUANTUM MECHANICS
 - 06 Order, lattices
 - 22 Lie groups and algebras, representations
 - 30 Functions of a complex variable
 - 31 Potential theory
 - 32 Several complex variables
 - 34 Ordinary differential equations
 - 35 Partial differential equations
 - 45 Integral and integro-differential equations
 - 46 Functional analysis; C^* -algebras
 - 47 Operator theory
 - 60 Probability
 - 62 Statistics
82. STATISTICAL PHYSICS, STRUCTURE OF MATTER
 - 20 Group theory
 - 45 Integral and integro-differential equations
 - 62 Statistics
83. RELATIVITY
 - 35 Partial differential equations
 - 53 Differential geometry
85. ASTRONOMY AND ASTROPHYSICS
86. GEOPHYSICS
90. ECONOMICS, OPERATIONS RESEARCH, PROGRAMMING, GAMES
 - 10 Economics
 - 30 Operations research
- 40 Multi-stage decision processes, dynamic programming (general)
- 50 Linear programming
- 56 Integer programming
- 57 Stochastic programming
- 58 Nonlinear programming, general
- 59 Quadratic programming
- 60 Convex programming
- 70 Game theory
- 72 Stochastic games
- 75 Differential and continuous games (See also 93.40)
92. BIOLOGY AND BEHAVIORAL SCIENCES
 - 10 Biology
 - 20 Genetics
 - 30 Population dynamics, epidemiology
 - 40 Sociology
 - 50 Psychology
93. SYSTEMS, CONTROL
 - 10 Systems, general
 - 20 Stability, qualitative behavior
 - 40 Optimal control (See also 34.85, 35.15, 49.00, 90.00)
 - 60 Stochastic control
 - 70 Adaptive control
94. INFORMATION AND COMMUNICATION, CIRCUITS, AUTOMATA
 - 10 Communication theory
 - 20 Information theory
 - 30 Circuits, networks; applications of graph theory, Boolean algebra
 - 40 Automata, general (See also 02.88)
 - 45 Probabilistic automata
 - 50 Linguistics, formal languages

ABBREVIATIONS OF NAMES OF JOURNALS

This list gives the form of references used in MATHEMATICAL REVIEWS and the complete title; the place of publication and other pertinent information are given in parentheses when desirable for clarity.

- Abh. Akad. Wiss. Göttingen Math.-Phys. Kl.* Abhandlungen der Akademie der Wissenschaften in Göttingen. Mathematisch-Physikalische Klasse. (Göttingen)
- Abh. Deutsch. Akad. Wiss. Berlin Kl. Math. Phys. Tech.* Abhandlungen der Deutschen Akademie der Wissenschaften zu Berlin. Klasse für Mathematik, Physik und Technik. (Berlin)
- Abh. Math. Sem. Univ. Hamburg.* Abhandlungen aus dem Mathematischen Seminar der Universität Hamburg. (Hamburg)
- Abh. Sächs. Akad. Wiss. Leipzig Math.-Natur. Kl.* Abhandlungen der Sächsischen Akademie der Wissenschaften zu Leipzig. Mathematisch-Naturwissenschaftliche Klasse. (Leipzig)
- Abstracts Bulgarian Sci. Lit. Math. Phys. Astronom. Geophys. Geodes.* Bulgarian Academy of Sciences. Centre of Scientific Information and Documentation. Abstracts of Bulgarian Scientific Literature. Mathematics, Physics, Astronomy, Geophysics, Geodesy. (Sofia)
- Acad. R. P. Romîne Baza Cerc. Ști. Timișoara Stud. Cerc. Ști. Tehn.* Academia Republicii Populare Romîne. Baza de Cercetări Științifice Timișoara. Studii și Cercetări Științe Tehnice. (Timișoara)
- Acad. Roy. Belg. Bull. Cl. Sci. Académie Royale de Belgique.* Bulletin de la Classe des Sciences. Koninklijke Belgische Academie. Mededelingen van de Klasse der Wetenschappen. (Brussels)
- Acad. Roy. Belg. Cl. Sci. Mém. Coll. in-8°.* Académie Royale de Belgique. Classe des Sciences. Mémoires. Collection in-8°. Koninklijke Belgische Academie. Klasse der Wetenschappen. Verhandelingen. Verzameling in-8°. (Brussels)
- Acad. Serbe Sci. Arts. Glas.* Académie Serbe des Sciences et des Arts. Glas. Classe des Sciences Mathématiques et Naturelles. Nouvelle Série. (Belgrade)
- Accad. Naz. Sci. Lett. Arti Modena Atti Mem.* Accademia Nazionale di Scienze Lettere e Arti. Modena. Atti e Memorie. (Modena)
- Acta Acad. Åbo. Ser. B.* Acta Academiae Åboensis, Ser. B. Mathematica et Physica. Matematik-Naturvetenskap-Teknik. (Åbo = Turku)
- Acta Acust. Sinica.* Acta Acustica Sinica. (Peking)
- Acta Arith.* Polska Akademia Nauk. Instytut Matematyczny. Acta Arithmetica. (Warsaw)
- Acta Astronom. Sinica.* Acta Astronomica Sinica. (Peking)
- Acta Fac. Rerum Natur. Univ. Comenian.* Acta Facultatis Rerum Naturalium Universitatis Comenianae. (Bratislava)
- Acta Math.* Acta Mathematica. (Uppsala)
- Acta Math. Acad. Sci. Hungar.* Acta Mathematica Academiae Scientiarum Hungaricae. (Budapest)
- Acta Math. Sinica.* Acta Mathematica Sinica. (Peking) (Translated as: *Chinese Math.*—Acta)
- Acta Mech.* Acta Mechanica. (Vienna)
- Acta Mech. Sinica (New York).* Acta Mechanica Sinica. (New York) (Translation of *Acta Mech. Sinica (Peking)*)
- Acta Mech. Sinica (Peking).* Acta Mechanica Sinica. (Peking) (Translated as: *Acta Mech. Sinica (New York)*)
- Acta Mexicana Ci. Tecn.* Instituto Politécnico Nacional. Acta Mexicana de Ciencia y Tecnología. (Mexico City)
- Acta Philos. Fenn.* Acta Philosophica Fennica. (Helsinki)
- Acta Phys. Acad. Sci. Hungar.* Acta Physica Academiae Scientiarum Hungaricae. (Budapest)
- Acta Phys. Austriaca.* Acta Physica Austriaca. (Vienna)
- Acta Phys. Polon.* Polska Akademia Nauk. Instytut Fizyki. Acta Physica Polonica. (Warsaw)
- Acta Phys. Sinica.* Acta Physica Sinica. (Peking) (Translated as: *Chinese J. Phys. (Peking)*)
- Acta Polytech. Scand. Math. and Comput. Mach. Ser.* Acta Polytechnica Scandinavica. Mathematics and Computing Machinery Series. (Stockholm)
- Acta Sci. Math. (Szeged).* Acta Universitatis Szegediensis. Acta Scientiarum Mathematicarum. (Szeged)
- Acta Sci. Natur. Univ. Pekinensis.* Acta Scientiarum Naturalium Universitatis Pekinensis. (Peking)
- Acta Tech. Acad. Sci. Hungar.* Acta Technica Academiae Scientiarum Hungaricae. (Budapest)
- Acta Univ. Tamper.* Acta Universitatis Tampereensis. (Helsinki)
- Acta Univ. Wratislav.* Acta Universitatis Wratislaviensis. (Wrocław)
- Actualités Sci. Indust.* Actualités Scientifiques et Industrielles. (Paris)
- Advances in Math.* Advances in Mathematics. (New York)
- Aequationes Math.* Aequationes Mathematicae. (Basel)
- AIAA J.* AIAA Journal. (Easton, Pa.)
- Akad. Nauk Armjan. SSR Dokl.* Akademija Nauk Armjanakol SSR. Doklady. (Erevan)
- Akad. Nauk Azerbaidžan. SSR Dokl.* Akademija Nauk Azerbaidžanakol SSR. Doklady. (Baku)
- Akad. Nauk Azerbaidžan. SSR Trudy Inst. Mat. Meh.* Akademija Nauk Azerbaidžanakol SSR. Trudy Instituta Matematiki i Mexaniki. (Baku)
- Akad. Nauk Gruzin. SSR Trudy Tbilis. Mat. Inst. Razmadze.* Akademija Nauk Gruzinakol SSR. Trudy Tbiliskogo Matematičeskogo Instituta im. A. M. Razmadze. (Tbilisi) See Sakharth. SSR Mecn. Akad. Math. Inst. Šrom.
- Akad. Nauk Kazah. SSR Trudy Astrofiz. Inst.* Akademija Nauk Kazahakol SSR. Trudy Astrofizičeskogo Instituta. (Alma-Ata)
- Akad. Nauk Kazah. SSR Trudy Sek. Mat. Meh.* Akademija Nauk Kazahakol SSR. Trudy Sektora Matematiki i Mexaniki. (Alma-Ata)
- Akad. Nauk SSSR Sibirsk. Otdel. Inst. Avtomat. Elektrometr. Trudy.* Akademija Nauk SSSR. Sibirskoe Otdelenie. Institut Avtomatiki i Elektrometrii. Trudy. (Novosibirsk)
- Akad. Nauk SSSR Trudy Jakutsk. Filial. Ser. Fiz.* Akademija Nauk SSSR. Trudy Jakutskogo Filiala. Serija fizičeskaja. (Moscow)
- Akad. Nauk Uzbek. SSR Trudy Inst. Mat.* Akademija Nauk Uzbekakol SSR. Trudy Instituta Matematiki im. V. I. Romanovskogo. (Tashkent)
- Akad. Wiss. Lit. Mainz Abh. Math.-Natur. Kl.* Akademie der Wissenschaften und der Literatur in Mainz. Abhandlungen der Mathematisch-Naturwissenschaftlichen Klasse. (Wiesbaden)

- Akust. Zh.* Akademiya Nauk SSSR. Akusticheskiy Zhurnal. (Moscow)
(Translated as: *Soviet Physics Acoust.*)
- Algebra i Logika Sem.* Akademiya Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. Algebra i Logika. Seminar. (Novosibirsk)
(Continued as: *Algebra i Logika*)
- Algebra i Logika.* Akademiya Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. Algebra i Logika. (Novosibirsk) (Formerly: *Algebra i Logika Sem.*)
- Algoritmyi Algoritmy.* Vysshiy Natsionalnyy Centr Akademii Nauk SSSR. Algoritmyi Algoritmiicheskie Jazyki. (Moscow)
- Algorytmy.* Algorytmy. Prace Instytutu Matematycznych Polakiej Akademii Nauk. (Warsaw)
- Allgemein. Statist. Arch.* Allgemeines statistisches Archiv. Organ der Deutschen Statistischen Gesellschaft. (Munich)
- Amer. J. Math.* American Journal of Mathematics. (Baltimore, Md.)
- Amer. J. Phys.* American Journal of Physics. (New York)
- Amer. Math. Monthly.* The American Mathematical Monthly. (Buffalo, N.Y.)
- Amer. Math. Soc. Transl.* American Mathematical Society Translations. (Providence, R.I.)
- AMR.* Applied Mechanics Reviews. (New York)
- An. Acad. Brasil. Ci.* Anais da Academia Brasileira de Ciencias. (Rio de Janeiro)
- An. Fac. Ci. Univ. Porto.* Anais da Faculdade de Ciências. Universidade do Porto. (Porto, Portugal)
- An. Inst. Mat. Univ. Nac. Autónoma México.* Anales del Instituto de Matemáticas. Universidad Nacional Autónoma de México. (Mexico City)
- An. Sti. Univ. "Al. I. Cuza" Iași Sec. I a Mat.* Analele Științifice ale Universității "Al. I. Cuza" din Iași. (Seria Nouă). Secțiunea I. a Matematică. (Iași)
- An. Univ. București Ser. Acta Logica.* Analele Universității București. Seria Acta Logica. (Bucharest)
- An. Univ. București Ser. Ști. Natur. Fiz.* Analele Universității București. Seria Științele Naturii. Fizică. (Bucharest)
- An. Univ. București Ser. Ști. Natur. Mat.-Mec.* Analele Universității București. Seria Științele Naturii. Matematică-Mecanică. (Bucharest)
- An. Univ. Timișoara Ser. Ști. Mat.-Fiz.* Analele Universității din Timișoara. Seria Științe Matematice-Fizice. (Timișoara)
- Ann. Acad. Sci. Fenn. Ser. A I.* Suomalaisen Tiedekattemian Toimituksia. Sarja A. Annales Academiae Scientiarum Fennicae. Series A. I. Mathematica. (Helsinki)
- Ann. Acad. Sci. Fenn. Ser. A VI.* Suomalaisen Tiedekattemian Toimituksia. Sarja A. Annales Academiae Scientiarum Fennicae. Series A. VI. Physica. (Helsinki)
- Ann. Astrophys.* Annales d'Astrophysique. (Paris)
- Ann. Fac. Sci. Univ. Toulouse.* Annales de la Faculté des Sciences de l'Université de Toulouse pour les Sciences Mathématiques et les Sciences Physiques. (Toulouse)
- Ann. Inst. Fourier (Grenoble).* Université de Grenoble. Annales de l'Institut Fourier. (Grenoble)
- Ann. Inst. H. Poincaré Sect. A.* Annales de l'Institut Henri Poincaré. Section A: Physique théorique. (Paris)
- Ann. Inst. H. Poincaré Sect. B.* Annales de l'Institut Henri Poincaré. Section B: Calcul des probabilités et statistique. (Paris)
- Ann. Inst. Statist. Math.* Annals of the Institute of Statistical Mathematics. (Tokyo)
- Ann. Japan Assoc. Philos. Sci.* Annals of the Japan Association for Philosophy of Science. (Tokyo)
- Ann. Mat. Pura Appl.* Annali di Matematica Pura ed Applicata. (Bologna)
- Ann. Math. Statist.* The Annals of Mathematical Statistics. (Baltimore, Md.)
- Ann. of Math.* Annals of Mathematics. (Princeton, N.J.)
- Ann. Physic.* Annals of Physics. (New York)
- Ann. Physik.* Annalen der Physik. (Leipzig)
- Ann. Physique.* Annales de Physique. (Paris)
- Ann. Polon. Math.* Polska Akademia Nauk. Annales Polonici Mathematici. (Warsaw)
- Ann. Sci. École Norm. Sup.* Annales Scientifiques de l'École Normale Supérieure. (Paris)
- Ann. Scuola Norm. Sup. Pisa.* Annali della Scuola Normale Superiore di Pisa. Scienze Fisiche e Matematiche. (Pisa)
- Ann. Soc. Sci. Bruxelles Sér. I.* Annales de la Société Scientifique de Bruxelles. Série I. Sciences Mathématiques, Astronomiques et Physiques. (Brussels)
- Ann. Univ. Ferrara Sez. VII.* Annali dell'Università di Ferrara. (Nuovo Serie). Sezione VII. Scienze Matematiche. (Ferrara)
- Ann. Univ. Lyon Sect. B.* Annales de l'Université de Lyon. Section B. Sciences Physiques et Chimiques. (Lyon)
- Ann. Univ. Mariae Curie-Skłodowska Sect. A.* Annales Universitatis Mariae Curie-Skłodowska. Section A. Mathematica. (Lublin)
- Ann. Univ. Mariae Curie-Skłodowska Sect. AA.* Annales Universitatis Mariae Curie-Skłodowska. Section AA. Physics and Chemistry. (Lublin)
- Ann. Univ. Sarav. Math.-Natur. Fak.* Annales Universitatis Saravienensis. Mathematisch-Naturwissenschaftliche Fakultät. (Berlin)
- Ann. Univ. Sci. Budapest. Eötvös Sect. Math.* Annales Universitatis Scientiarum Budapestinensis de Rolando Eötvös Nominatae. Sectio Mathematica. (Budapest)
- Ann. Univ. Turku. Ser. A I.* Annales Universitatis Turkuensis. Series A. I. Astronomica-Chemica-Physica-Mathematica. (Turku)
- Annuaire Univ. Sofia Fac. Math.* Godišnik na Sofijskija Universitet Matematičeski Fakultet. Annuaire de l'Université de Sofia. Faculté de Mathématiques. (Sofia)
- Annuaire Univ. Sofia Fac. Phys.* Godišnik na Sofijskija Universitet Fizičeski Fakultet. Annuaire de l'Université de Sofia. Faculté de Physique. (Sofia)
- Annual Rep. Coll. Lib. Arts Univ. Iwate.* Annual Report of the College of Liberal Arts, University of Iwate. (Kakuzanwaki)
- Appl. Mat.* Československá Akademie Věd. Aplikace Matematiky. (Prague)
- Appl. Mech. Rev.* Applied Mechanics Reviews. (New York) (Sometimes abbreviated as *AMR* in the text of *Math. Reviews*)
- Appl. Sci. Res.* Applied Scientific Research. (The Hague)
- Appl. Statist.* Applied Statistics. A Journal of the Royal Statistical Society. (London)
- Årbok Univ. Bergen Mat.-Natur. Ser.* Årbok for Universitetet i Bergen. Mat.-Naturv. Serie. (Bergen)
- Arch. Automat. i Telemekh.* Instytut Automatyki Polakiej Akademii Nauk. Archivum Automatyki i Telemekhaniki. (Warsaw)
- Arch. History Exact Sci.* Archive for History of Exact Sciences. (Berlin)
- Arch. Math. (Basel).* Archiv der Mathematik. Archives of Mathematics. Archives Mathématiques. (Basel-Stuttgart)
- Arch. Math. (Brno).* Spisy Přírodovědecké Fakulty University J. E. Purkyně v Brně. Archivum Mathematicum. (Brno)
- Arch. Math. Logik Grundlagenforsch.* Archiv für mathematische Logik und Grundlagenforschung. (Stuttgart)
- Arch. Mech. Stos.* Polska Akademia Nauk. Instytut Podstawowych Problemów Techniki. Archiwum Mechaniki Stosowanej. (Warsaw)
- Arch. Rational Mech. Anal.* Archive for Rational Mechanics and Analysis. (Berlin)

ABBREVIATIONS OF NAMES OF JOURNALS

- Archimede*. Archimede. Rivista per gli Insegnanti e i Cultori di Matematiche Pure e Applicate. (Florence)
- Ark. Astronom.* Arkiv för Astronomi. (Stockholm)
- Ark. Fys.* Arkiv för Fysik. (Stockholm)
- Ark. Mat.* Arkiv för Matematik. (Stockholm)
- Arkhimedes*. Arkhimedes. Suomen Fysiikkoseura—Finlands Fysik-erförening r.y. Suomen Matemaattinen Yhdistys—Finlands Matemaattiska Förening r.y. (Helsinki)
- Armjan. Gos. Ped. Inst. Sb. Naučn. Trud. Ser. Fiz.-Mat.* Armjanskij Gosudarstvennyj Pedagogičeskij Institut imeni H. Abovjana. Sbornik Naučnyh Trudov. Serija Fiziko-Matematičeskaja. (Erevan) (Formerly: Erevan. Armjan. Gos. Ped. Inst. im. H. Abovjana Učen. Zap. Ser. Mat. Nauk)
- Arquivo Inst. Gulbenkian Ci. A Estud. Mat. Fis.-Mat.* Arquivo do Instituto Gulbenkian de Ciência. A. Estudos Matemáticos e Físico-Matemáticos. (Lisbon)
- Assoc. Roy. Actuar. Belges Bull.* Association Royale des Actuaire Belges. Bulletin. (Brussels)
- Astrofizika*. Akademija Nauk Armjanskoi SSR. Astrofizika. (Erevan) (Translated as: *Astrophysics*)
- Astronaut. Acta*. Astronautica Acta. (Vienna)
- Astronom. J.* The Astronomical Journal. (New Haven, Conn.)
- Astronom. Jber.* Astronomischer Jahresbericht. (Berlin)
- Astronom. Nachr.* Astronomische Nachrichten. (Berlin)
- Astronom. Ž.* Akademija Nauk Sojuza SSR. Astronomičeskij Žurnal. (Moscow) (Translated as: *Soviet Astronom. AJ*)
- Astrophys. J.* The Astrophysical Journal. (Chicago, Ill.)
- Astrophysics*. Astrophysics. (A translation of *Astrofizika* of the Academy of Sciences of the Armenian SSR). (New York) (Translation of *Astrofizika*)
- Atti Accad. Gioenia Sci. Natur. Catania*. Atti della Accademia Gioenia di Scienze Naturali in Catania. (Catania)
- Atti Accad. Ligure Sci. Lett.* Atti della Accademia Ligure di Scienze e Lettere. (Genoa)
- Atti Accad. Naz. Lincei Mem. Cl. Sci. Fis. Mat. Natur. Sez. I.* Atti della Accademia Nazionale dei Lincei. Memorie. Classe di Scienze Fisiche, Matematiche e Naturali. Sezione I*. (Matematica, Meccanica, Astronomia, Geodesia e Geofisica). (Rome)
- Atti Accad. Naz. Lincei Rend. Cl. Sci. Fis. Mat. Natur.* Atti della Accademia Nazionale dei Lincei. Rendiconti. Classe di Scienze Fisiche, Matematiche e Naturali. (Rome)
- Atti Accad. Sci. Fis. Mat. Napoli*. Atti dell'Accademia delle Scienze Fisiche e Matematiche di Napoli. (Naples)
- Atti Accad. Sci. Ist. Bologna Cl. Sci. Fis. Rend.* Atti della Accademia delle Scienze dell'Istituto di Bologna. Classe di Scienze Fisiche. Rendiconti. (Bologna)
- Atti Accad. Sci. Lett. Arti Palermo Parte I.* Atti della Accademia di Scienze Lettere e Arti di Palermo. Parte Prima: Scienze. (Palermo)
- Atti Accad. Sci. Torino Cl. Sci. Fis. Mat. Natur.* Atti della Accademia delle Scienze di Torino. Classe di Scienze Fisiche, Matematiche e Naturali. (Turin)
- Atti Sem. Mat. Fis. Univ. Modena*. Atti del Seminario Matematico e Fisico dell'Università di Modena. (Modena)
- Austral. J. Phys.* Australian Journal of Physics. (Melbourne)
- Austral. J. Statist.* The Australian Journal of Statistics. (Sydney)
- Automat. Remote Control*. Automation and Remote Control. (A translation of *Avtomatika i Telemekhanika*, a publication of the Academy of Sciences of the USSR). (Pittsburgh, Pa.) (Translation of *Avtomat. i Telemekh.*)
- Automatica. Internat. J. Automat. Control Automation*. Automatica. The International Journal on Automatic Control and Automation. (Oxford)
- Avtomat. i Telemekh.* Akademija Nauk Sojuza SSR. Avtomatika i Telemekhanika. (Moscow) (Translated as: *Avtomat. Remote Control*)
- Avtomat. i Vyšisl. Tehn.* Avtomatika i Vychislitel'naja Tehnika. (Riga)
- Avtomatika*. Akademija Nauk Ukraïns'koï RSR. Institut Elektrotehniki. Avtomatika. (Kiev)
- Azerbaidžan. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat. i Him. Nauk.* Azerbaidžanskij Gosudarstvennyj Universitet im. S. M. Kirova. Učenyje Zapiski. Serija Fiziko-Matematičeskij i Himičeskij Nauk. (Baku) (Continued as: *Azerbaidžan. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat. Nauk.*)
- Azerbaidžan. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat. Nauk.* Azerbaidžanskij Gosudarstvennyj Universitet im. S. M. Kirova. Učenyje Zapiski. Serija Fiziko-Matematičeskij Nauk. (Baku) (Formerly: *Azerbaidžan. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat. i Him. Nauk.*)
- Baškir. Gos. Univ. Učen. Zap.* Baškirkij Gosudarstvennyj Universitet. Učenyje Zapiski. (Ufa)
- Bayer. Akad. Wiss. Math.-Natur. Kl. S.-B.* Bayerische Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Sitzungsberichte. (Munich)
- Beijing Dazue Xuebao Ziran Kexue*. See *Acta Sci. Natur. Univ. Pekinensis*.
- Bell System Tech. J.* The Bell System Technical Journal. (New York)
- Biometrics*. Biometrics. Journal of the Biometric Society. (Blackburg, Va.)
- Biometrika*. Biometrika. (London)
- BIT = Nordisk Tidkr. Informations-Behandling (BIT)*.
- Biul. Lubel. Towarz. Nauk. Wydział II Mat. Fiz. Chem.* Biuletyn Lubelskiego Towarzystwa Naukowego. Wydział II. Matematyka. Fizyka. Chemia. (Lublin)
- Bjull. Inst. Teoret. Astronom.* Akademija Nauk Sojuza Sovetskijh Socialističeskijh Respublik. Bjulleten' Instituta Teoretičeskoi Astronomii. (Moscow)
- B'lgar. Akad. Nauk. Otd. Mat. Fiz. Nauk. Izv. Fiz. Inst. s Aneb.* B'lgarska Akademija na Naukite. Otdelenie a Matematičeski i Fizičeski Nauki. Izvestija na Fizičeskija Institut s Aneb. (Sofia)
- B'lgar. Akad. Nauk. Otd. Mat. Fiz. Nauk. Izv. Mat. Inst.* B'lgarska Akademija na Naukite. Otdelenie za Matematičeski i Fizičeski Nauki. Izvestija na Matematičeskija Institut. (Sofia)
- Bol. Soc. Mat. Mexicana*. Boletín de la Sociedad Matemática Mexicana. (Mexico City)
- Bol. Soc. Mat. São Paulo*. Boletim da Sociedade de Matemática de São Paulo. (São Paulo)
- Bol. Univ. Paraná Inst. Fis.* Boletim da Universidade do Paraná. Conselho de Pesquisas. Instituto de Física. (Paraná)
- Boll. Un. Mat. Ital.* Bollettino della Unione Matematica Italiana. (Bologna)
- Bonn. Math. Schr.* Bonner Mathematische Schriften. (Bonn)
- British J. Hist. Sci.* British Society for the History of Science. British Journal for the History of Science. (London)
- British J. Philos. Sci.* The British Journal for the Philosophy of Science. (Edinburgh)
- Buharsk. Gos. Ped. Inst. Učen. Zap. Ser. Fiz.-Mat. Nauk.* Buharskij Gosudarstvennyj Pedagogičeskij Institut. Učenyje Zapiski. Serija Fiziko-Matematičeskij Nauk. (Bukhara)
- Bul. Akad. Štiințe RSS Moldoven.* Akademija Nauk Moldavskoi SSR. Izvestija Akademii Nauk Moldavskoi SSR. Buletinul Akademiei de Științe a RSS Moldovenești. (Kishinev)
- Bul. Inst. Politehn. Brașov Ser. A Mec.* Buletinul Institutului Politehnic din Brașov. Seria A. Mecanică. (Brașov)
- Bul. Inst. Politehn. București.* Buletinul Institutului Politehnic București. (Bucharest)
- Bul. Inst. Politehn. Iași.* Buletinul Institutului Politehnic din Iași. Serie Nouă. (Iași)
- Bul. Ști. Inst. Politehn. Cluj.* Buletinul Științific al Institutului Politehnic din Cluj. (Cluj)
- Bul. Ști. Tehn. Inst. Politehn. Timișoara.* Buletinul Științific și Tehnic al Institutului Politehnic Timișoara. Serie Nouă. (Timișoara)

- Bull. Acad. Polon. Sci. Sér. Sci. Math. Astronom. Phys.* Bulletin de l'Académie Polonaise des Sciences. Série des Sciences Mathématiques, Astronomiques et Physiques. (Warsaw)
- Bull. Acad. Polon. Sci. Sér. Sci. Tech.* Bulletin de l'Académie Polonaise des Sciences. Série des Sciences Techniques. (Warsaw) (Formerly: *Bull. Acad. Polon. Sci. Sér. Sci. Tech. Méc. Appl.* and *Bull. Acad. Polon. Sci. Sér. Sci. Tech. Méc. Théor.*)
- Bull. Acad. Polon. Sci. Sér. Sci. Tech. Méc. Appl.* Bulletin de l'Académie Polonaise des Sciences. Série des Sciences Techniques Mécaniques Appliquées. (Warsaw) (Continued as: *Bull. Acad. Polon. Sci. Sér. Sci. Tech.*)
- Bull. Acad. Polon. Sci. Sér. Sci. Tech. Méc. Théor.* Bulletin de l'Académie Polonaise des Sciences. Série des Sciences Techniques Mécaniques Théoriques. (Warsaw) (Continued as: *Bull. Acad. Polon. Sci. Sér. Sci. Tech.*)
- Bull. Acad. Serbe Sci. Arts Cl. Sci. Math. Natur. Sci. Math.* Bulletin de l'Académie Serbe des Sciences et des Arts. Classe des Sciences Mathématiques et Naturelles. Sciences Mathématiques. (Belgrade)
- Bull. Amer. Math. Soc.* Bulletin of the American Mathematical Society. (Providence, R.I.)
- Bull. Calcutta Math. Soc.* Bulletin of the Calcutta Mathematical Society. (Calcutta)
- Bull. College Sci. (Baghdad).* Bulletin of the College of Science. (Baghdad)
- Bull. Earthquake Res. Inst. Univ. Tokyo.* Bulletin of the Earthquake Research Institute, University of Tokyo. (Tokyo)
- Bull. Fac. Educ. Univ. Kagoshima.* Bulletin of the Faculty of Education, University of Kagoshima. (Kagoshima)
- Bull. Fukuoka Univ. Educ. III.* Bulletin of Fukuoka University of Education. Part III. Natural Sciences. (Fukuoka)
- Bull. Géodésique.* Bulletin Géodésique. (Paris)
- Bull. Inst. Internat. Statist.* Bulletin de l'Institut International de Statistique. (The Hague)
- Bull. Inst. Statist. Res. Training.* Institute of Statistical Research and Training. University of Dacca. The Bulletin of the Institute of Statistical Research and Training. (Dacca)
- Bull. JSME.* Bulletin of JSME. (Japan Society of Mechanical Engineers). (Tokyo)
- Bull. Kyoto Univ. Education Ser. B.* Bulletin of the Kyoto University of Education. Series B. Mathematics and Natural Science. (Kyoto)
- Bull. Kyushu Inst. Tech. Math. Natur. Sci.* Bulletin of the Kyushu Institute of Technology. Mathematics, Natural Science. (Tobata)
- Bull. Math. Biophys.* The Bulletin of Mathematical Biophysics. (Ann Arbor, Mich.)
- Bull. Math. Soc. Nanyang Univ.* Majallah Tahunan 'Ilmu Pasti. Bulletin of Mathematical Society. Nanyang University. (Singapore) (Continued as: *Nanta Math.*)
- Bull. Math. Soc. Sci. Math. R. S. Roumanie.* Bulletin Mathématique de la Société des Sciences Mathématiques de la République Socialiste de Roumanie. (Bucharest)
- Bull. Math. Statist.* Bulletin of Mathematical Statistics. (Fukuoka)
- Bull. Nara Univ. Ed. Natur. Sci. Ser. B.* Bulletin of Nara University of Education. Natural Science. Series B. (Nara)
- Bull. Sci. Conseil Acad. RSF Yougoslav. Sect. A.* Bulletin Scientifique. Conseil des Académies de la RSF de Yougoslavie. Section A. (Zagreb)
- Bull. Sci. Engrg. Res. Lab. Waseda Univ.* Bulletin of Science and Engineering Research Laboratory. Waseda University. (Tokyo)
- Bull. Sci. Math.* Bulletin des Sciences Mathématiques. (Paris)
- Bull. Signal. I Math. Pures Appl.* Ministère de l'Education Nationale. Centre National de la Recherche Scientifique. Bulletin Signalétique. I. Mathématiques Pures et Appliquées. (Paris)
- Bull. Soc. Amis Sci. Lettres Poznań Sér. B.* Bulletin de la Société des Amis des Sciences et des Lettres de Poznań. Série B: Sciences Mathématiques et Naturelles. (Poznań)
- Bull. Soc. Math. Belg.* Bulletin de la Société Mathématique de Belgique. (Brussels)
- Bull. Soc. Math. France.* Bulletin de la Société Mathématique de France. (Paris)
- Bull. Soc. Math. Grèce.* Bulletin de la Société Mathématique de Grèce. (Athens)
- Bull. Soc. Math. Phys. Macédoine.* Bulletin de la Société des Mathématiciens et des Physiciens de la République Populaire de Macédoine. Bilten na Društvo na Matematikarite i Fizičarite od Socialistička Republika Makedonija. (Skopje)
- Bull. Soc. Roy. Sci. Liège.* Bulletin de la Société Royale des Sciences de Liège. (Liège)
- Bull. Soc. Sci. Lettres Lódz.* Bulletin de la Société des Sciences et des Lettres de Lódz. (Lódz)
- Bull. Tokyo Gakugei Univ.* Bulletin of Tokyo Gakugei University. (Tokyo)
- Bull. Univ. Osaka Prefecture Ser. A.* Bulletin of University of Osaka Prefecture. Series A. Engineering and Natural Sciences. (Osaka)
- C. R. Acad. Bulgare Sci.* Doklady Bolgarskoj Akademii Nauk. Comptes Rendus de l'Académie Bulgare des Sciences. (Sofia)
- C. R. Acad. Sci. Paris Sér. A-B.* Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences. Séries A et B. (Paris)
- Cahiers Centre Études Recherche Opér.* Cahiers du Centre d'Études de Recherche Opérationnelle. (Brussels)
- Cahiers Centre Math. Statist. Appl. Sci. Social.* Cahiers du Centre de Mathématique et de Statistique Appliquées aux Sciences Sociales de l'Institut de Sociologie Solvay. (Brussels)
- Cahiers Rhodan.* Cahiers Rhodaniens. (Lyon)
- Cahiers Topologie Géom. Différentielle.* Cahiers de Topologie et Géométrie Différentielle. (Paris)
- Calcolo.* Calcolo. (Rome)
- Calcutta Statist. Assoc. Bull.* Calcutta Statistical Association Bulletin. (Calcutta)
- Canad. J. Math.* Canadian Journal of Mathematics. Journal Canadien de Mathématiques. (Toronto, Ont.)
- Canad. J. Phys.* Canadian Journal of Physics. (Ottawa, Ont.)
- Canad. Math. Bull.* Canadian Mathematical Bulletin. Bulletin Canadien de Mathématiques. (Toronto, Ont.)
- Časopis Pěst. Mat.* Československá Akademie Věd. Časopis pro Pěstování Matematiky. (Prague)
- Čeljabinsk. Gos. Ped. Inst. Trudy.* Čeljabinskij Gosudarstvennyj Pedagogičeskij Institut. Trudy. (Chelyabinsk)
- Centaurus.* Centaurus. (Copenhagen)
- Chinese J. Phys. (Peking).* Chinese Journal of Physics (Peking). (A translation of Acta Physica Sinica of the Chinese Academy of Sciences, Peking) (New York) (Translation of *Acta Phys. Sinica*)
- Chinese Math.—Acta.* Chinese Mathematics. Translation of Acta Mathematica Sinica. (Providence, R.I.) (Translation of *Acta Math. Sinica*)
- Cho-sŏn In-min Kong-hwa-kuk Kwa-hak-wŏn T'ong-p'o.* (Academy of Science of the People's Republic of Korea. Bulletin) Cho-sŏn Min-ju-ju-ŭi In-min Kong-hwa-kuk Kwa-hak-wŏn. T'ong-p'o. (Pyongyang) (Formerly: *Cho-sŏn Kwa-hak-wŏn T'ong-bo*)
- Cho-sŏn Kwa-hak-wŏn T'ong-bo.* (Academy of Science of the People's Democratic Republic of Korea. Bulletin) Cho-sŏn Min-ju-ju-ŭi In-min Kong-hwa-kuk Kwa-hak-wŏn. T'ong-bo. (Pyongyang) (Continued as: *Cho-sŏn In-min Kong-hwa-kuk Kwa-hak-wŏn T'ong-p'o*)
- Collect. Math.* Consejo Superior de Investigaciones Científicas. Universidad de Barcelona. Collectanea Mathematica. (Barcelona)
- Colloq. Math.* Colloquium Mathematicum. (Warsaw)
- Comm. ACM.* Communications of the Association for Computing Machinery. (New York)
- Comm. Dublin Inst. Adv. Studies Ser. A.* Communications of the Dublin Institute for Advanced Studies. Series A. (Dublin)

ABBREVIATIONS OF NAMES OF JOURNALS

- Comm. Fac. Sci. Univ. Ankara Sér. A.* Communications de la Faculté des Sciences de l'Université d'Ankara. Série A. Mathématiques-Physique-Astronomie. (Ankara)
- Comm. Math. Phys.* Communications in Mathematical Physics. (New York)
- Comm. Pure Appl. Math.* Communications on Pure and Applied Mathematics. (New York)
- Comment. Math. Helv.* Commentarii Mathematici Helvetici. (Zürich)
- Comment. Math. Univ. Carolinae.* Commentationes Mathematicae Universitatis Carolinae. (Prague)
- Comment. Math. Univ. St. Paul.* Commentarii Mathematici Universitatis Sancti Pauli. Rikkyō Daigaku Sūgaku Zasshi. (Tokyo)
- Compositio Math.* Compositio Mathematica. (Groningen)
- Comput. J.* The Computer Journal. (London)
- Comput. Rev.* Computing Reviews. (New York) (Usually abbreviated *CR* in the text of *Math. Reviews*)
- Computing (Arch. Elektron. Rechnen).* Computing. Archiv für elektronisches Rechnen. Archives for Electronic Computing. (Vienna)
- Confer. Sem. Mat. Univ. Bari.* Conferenze del Seminario di Matematica dell'Università di Bari. (Bari)
- CORS J.* CORS J. The Canadian Operational Research Society Journal. (Toronto, Ont.)
- Cosmic Research.* Cosmic Research. (A translation of *Kosmicheskie Issledovaniya* of the Academy of Sciences of the USSR). (New York) (Translation of *Kosmič. Issled.*)
- CR.* Computing Reviews. (New York)
- Čuvaš. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosveščeniya RSFSR. Čuvašskij Gosudarstvennyj Pedagogičeskij Institut im. I. Ja. Jakovleva. Učenyje Zapiski. (Cheboksary)
- Cybernetics.* Cybernetics. (New York) (A translation of *Kybernetika* (Kiev))
- Czasopis. Techn.* Politechnika Krakowska i Krakowskie Zjednoczenie Budownictwa. Czasopismo Techniczne. (Kraków)
- Czechoslovak J. Phys. Sect. B.* Česoslavoackaja Akademija Nauk. Čechoslavoackij Fizičeskij Žurnal. Czechoslovak Academy of Sciences. Czechoslovak Journal of Physics. Section B. (Prague)
- Czechoslovak Math. J.* Česoslavoackaja Akademija Nauk. Čechoslavoackij Matematičeskij Žurnal. Czechoslovak Mathematical Journal. (Prague)
- Differencial'nye Uravnenija.* Differencial'nye Uravnenija. (Minsk) (Translated as: *Differential Equations*)
- Differential Equations.* Differential Equations. (New York) (Translation of *Differencial'nye Uravnenija*)
- Diskret. Analiz.* Akademija Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. Diskretnyj Analiz. Sbornik Trudov. (Novosibirsk)
- Dissertationes Math. Rozprawy Mat.* Polskiej Akademii Nauk. Instytut Matematyczny. Dissertationes Mathematicae. Rozprawy Matematyczne. (Warsaw)
- Dokl. Akad. Nauk BSSR.* Doklady Akademii Nauk BSSR. (Minsk)
- Dokl. Akad. Nauk SSSR.* Doklady Akademii Nauk SSSR. (Moscow) (Mathematics section translated as: *Soviet Math. Dokl.*; Physics section translated as: *Soviet Physics Dokl.*)
- Dokl. Akad. Nauk Tadžik. SSR.* Doklady Akademii Nauk Tadžikskoi SSR. (Dushanbe)
- Dopovidt Akad. Nauk Ukrain. RSR.* Dopovidt Akademii Nauk Ukrain's'koj RSR. (Kiev) (Continued as: *Dopovidt Akad. Nauk Ukrain. RSR Ser. A* and *Dopovidt Akad. Nauk Ukrain. RSR Ser. B*)
- Dopovidt Akad. Nauk Ukrain. RSR Ser. A.* Dopovidt Akademii Nauk Ukrain's'koj RSR. Serija A. (Kiev) (Formerly: *Dopovidt Akad. Nauk Ukrain. RSR*)
- Dopovidt Akad. Nauk Ukrain. RSR Ser. B.* Dopovidt Akademii Nauk Ukrain's'koj RSR. Serija B. (Kiev) (Formerly: *Dopovidt Akad. Nauk Ukrain. RSR*)
- Duke Math. J.* Duke Mathematical Journal. (Durham, N.C.)
- Dušanbin. Gos. Ped. Inst. Učen. Zap.* Dušanbinskij Gosudarstvennyj Pedagogičeskij Institut im. T. G. Ševčenko. Učenyje Zapiski. (Dushanbe)
- Econometrica.* Econometrica. Journal of the Econometric Society. (Chicago, Ill.)
- EEA.* Science Abstracts. Electrical & Electronics Abstracts. (London)
- Eesti NSV Tead. Akad. Füüs. Astronoom. Inst. Uurim.* Eesti NSV Teaduste Akadeemia Füüsika ja Astronoomia Instituudi Uurimused. (Trudy Instituta Fiziki i Astronomii Akademii Nauk Estonskoj SSR). Publikacii Tartuskoj Astronomičeskoi Observatorii. (Tartu)
- Eesti NSV Tead. Akad. Tartu Astronoom. Observ. Publ.* Eesti NSV Teaduste Akadeemia Tartu Astronoomia Observatooriumi Publikatsioonid. (Tartu)
- Eesti NSV Tead. Akad. Toimetised Füüs.-Mat.* Eesti NSV Teaduste Akadeemia Toimetised. Füüsika-Matemaatika. Izvestija Akademii Nauk Estonskoj SSR. Serija Fizika-Matematika. (Tallin) (Formerly: *Eesti NSV Tead. Akad. Toimetised Füüs.-Mat. Tehn.-tead. Seer*)
- Eesti NSV Tead. Akad. Toimetised Füüs.-Mat. Tehn.-tead. Seer.* Eesti NSV Teaduste Akadeemia Toimetised. Füüsika-Matemaatika-ja Tehnikateaduste Seeria. Izvestija Akademii Nauk Estonskoj SSR. Serija Fiziko-Matematičeskij i Tehničeskij Nauk. (Tallin) (Continued as: *Eesti NSV Tead. Akad. Toimetised Füüs.-Mat.*)
- Ekonom.-Mat. Obsor.* Českoslovenaká Akademie Věd. Ekonomicko-Matematický Obsor. (Prague)
- Electrical & Electronics Abstracts.* Science Abstracts. Electrical & Electronics Abstracts. (London) (Usually abbreviated *EEA* in the text of *Math. Reviews*)
- Elektron. Informationsverarbeitung. Kybernetik.* Sektion für Kybernetik beim Präsidium der Deutschen Akademie der Wissenschaften zu Berlin und der Mathematischen Gesellschaft der Deutschen Demokratischen Republik. Elektronische Informationsverarbeitung und Kybernetik. (Berlin)
- Elem. Math.* Elemente der Mathematik. Revue de Mathématiques Élémentaires. Rivista de Matematica Elementare. (Basel)
- Engng. Cybernetics.* Engineering Cybernetics. English Edition of *Tehničeskaja Kybernetika*. (New York) (Translation of *Izv. Akad. Nauk SSSR Tehn. Kybernet.*)
- Enseignement Math.* L'Enseignement Mathématique. (Geneva)
- Erevan. Armjan. Gos. Ped. Inst. im. H. Abovjana Učen. Zap. Ser. Mat. Nauk.* Erevanskij Armjanskij Gosudarstvennyj Pedagogičeskij Institut im. H. Abovjana. Učenyje Zapiski. Serija Matematičeskij Nauk. (Erevan) (Continued as: *Armjan. Gos. Ped. Inst. Sb. Naučn. Trud. Ser. Fiz.-Mat.*)
- Ericsson Technics.* Ericsson Technics. (Stockholm)
- Estadist. Española.* Estadísticas Española. (Madrid)
- Estadística.* Estadística. (Washington, D.C.)
- Fac. Ingen. Agrimens. Montevideo Publ. Didact. Inst. Mat. Estadist.* Facultad de Ingeniería y Agrimensura. Montevideo. Publicaciones Didácticas del Instituto de Matemática y Estadística. (Montevideo)
- Fac. Sci. Univ. Skopje Annuaire.* Faculté des Sciences de l'Université de Skopje. Annuaire. (Skopje)
- Fergan. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Vyšego i Srednego Special'nogo Obrazovanija Uzbekskoi SSR. Ferganskij Gosudarstvennyj Pedagogičeskij Institut imeni Ulugbeka. Učenyje Zapiski. Serija Matematičeskaja. (Fergana)
- Fibonacci Quart.* The Fibonacci Quarterly. Official Organ of the Fibonacci Association. A journal devoted to the study of integers with special properties. (St. Mary's College, Calif.)
- Fiz.-Mat. Spis. B'lgar. Akad. Nauk.* B'lgarska Akademija na Naukite Fizičeskij Institut. Matematičeskij Institut. Fiziko-Matematičeskoe Spisanie. (Sofia)
- Fiz. Tverd. Tela.* Akademija Nauk SSSR. Fizika Tverdogo Tela. (Moscow-Leningrad) (Translated as: *Soviet Physics Solid State*)
- FOA Rep.* FOA Reports. Forsvarets Forskningsanstalt (Research Institute of National Defence). (Stockholm)
- Fortschr. Physik.* Fortschritte der Physik. (Berlin)

- Found. Language.* International Journal of Language and Philosophy. Foundations of Language. (Dordrecht)
- Functional Anal. Appl.* (A translation of *Funkcional. Anal. i Priložen.*) Functional Analysis and its Applications. (New York)
- Fund. Math.* Polska Akademia Nauk. Fundamenta Mathematicae. (Warsaw)
- Funkcial. Ekvac.* Fako de l'Funkcialaj Ekvacioj Japana Matematika Societo. Funkcialaj Ekvacioj. (Serio Internacia). (Kobe)
- Funkcional. Anal. i Priložen.* Akademija Nauk SSSR. Funkcional'nyj Analiz i ego Priloženija. (Moscow) (Translated as: *Functional Anal. Appl.*)
- Fyz. Časopis Sloven. Akad. Vied.* Fyzikálny Časopis Slovenskej Akadémie Vied. (Bratislava) (Formerly: *Mat.-Fyz. Časopis Sloven. Akad. Vied*)
- Gaz. Mat. (Madrid).* Gaceta Matemática. (Madrid)
- Ganita.* Ganita (Mathematics). Bharat Ganita Parishad (Benares Mathematical Society). (Lucknow)
- Gaz. Mat. (Lisboa).* Gazeta de Matemática. (Lisbon)
- Gaz. Mat. Ser. A.* Societatea de Științe Matematice din R. P. R. Gazeta Matematică. Publicație Pentru Studiul și Răspîndirea Științelor Matematice. Seria A. (Bucharest)
- Geodast. Inst. Medd.* Geodætisk Institut. Meddelelse. (Copenhagen)
- Giorn. Ist. Ital. Attuari.* Giornale dell'Istituto Italiano degli Attuari. (Rome)
- Giorn. Mat. Battaglini.* Giornale di Matematiche di Battaglini. (Naples)
- Glasgow Math. J.* Glasgow Mathematical Journal. (Glasgow)
- Glasnik Mat.-Fiz. Astronom. Ser. II Društvo Mat. Fiz. Hrvatske.* Glasnik Matematičko-Fizički i Astronomski. Periodicum Mathematico-Physicum et Astronomicum. Serija II. Društvo Matematičara i Fizičara Hrvatske. Societas Mathematicorum et Physicorum Croatiae. (Zagreb) (Continued as: *Glasnik Mat. Ser. III*)
- Glasnik Mat. Ser. III.* Društvo Matematičara i Fizičara S. R. Hrvatske. Glasnik Matematički. Serija III. (Zagreb) (Formerly: *Glasnik Mat.-Fiz. Astronom. Ser. II Društvo Mat. Fiz. Hrvatske*)
- Godišnik Visš. Tehn. Učebn. Zaved. Mat.* Godišnik na Visšite tehnički Učebni Zavedenija. Matematika. (Sofia)
- Gor'kov. Gos. Univ. Učen. Zap.* Gor'kovskij Gosudarstvennyj Universitet. Učenyje Zapiski. (Gorki)
- Gruzín. Politehn. Inst. Trudy.* Gruzinskij Politehničeskij Institut im. V. I. Lenina. Trudy. (Tbilisi) See *V. I. Lenin. Sakharth. Politekh. Inst. Šrom.*
- Har'kov. Gos. Univ. Učen. Zap.* Ministerstvo Vyššego i Srednego Special'nogo Obrazovanija USSR. Vestnik Har'kovskogo Gosudarstvennogo Universiteta. Serija Mehaniko-Matematičeskaja. Zapiski Mehaniko-Matematičeskogo Fakulteta i Har'kovskogo Matematičeskogo Obščestva. (Kharkov) (Continued as: *Vestnik Har'kov. Gos. Univ.*)
- Helv. Phys. Acta.* Helvetica Physica Acta. Societatis Physicæ Helveticae Commentaria Publica. (Basel)
- Hitotsubashi J. Arts Sci.* Hitotsubashi Journal of Arts & Sciences. Hitotsubashi University. (Tokyo)
- IBM J. Res. Develop.* IBM Journal of Research and Development. (New York)
- IBM Systems J.* International Business Machines Corporation. IBM Systems Journal. (Armonk, N.Y.)
- Icarus.* Icarus. International Journal of the Solar System. (New York)
- ICC Bull.* International Computation Centre Bulletin. Centre International de Calcul. (Rome)
- IEEE J. Quantum Electron.* IEEE Journal of Quantum Electronics. (New York)
- IEEE Spectrum.* IEEE Spectrum. (New York)
- IEEE Trans. Automatic Control.* IEEE Transactions on Automatic Control. (New York)
- IEEE Trans. Computers.* IEEE Transactions on Computers. (New York) (Formerly: *IEEE Trans. Electronic Computers*)
- IEEE Trans. Electronic Computers.* IEEE Transactions on Electronic Computers. (New York) (Continued as: *IEEE Trans. Computers*)
- IEEE Trans. Information Theory.* IEEE Transactions on Information Theory. (New York)
- Illinois J. Math.* Illinois Journal of Mathematics. (Urbana, Ill.)
- Indag. Math.* Indagationes Mathematicae. See *Nederl. Akad. Wetensch. Indag. Math.*
- Indian J. Math.* Indian Journal of Mathematics. (Allahabad)
- Indian J. Mech. Math.* Indian Journal of Mechanics and Mathematics. (Calcutta)
- Information and Control.* Information and Control. (New York)
- Information Processing in Japan.* Information Processing in Japan. (Tokyo)
- Inst. Gulbenkian Ci. Centro Calc. Ci. Estud. Program. Anal. Numér.* Fundação Calouste Gulbenkian. Instituto Gulbenkian de Ciência. Centro de Cálculo Científico. Estudos de Programação e Análise Numérica. (Lisbon)
- Inst. Hautes Études Sci. Publ. Math.* Institut des Hautes Études Scientifiques. Publications Mathématiques. (Paris)
- Internat. J. Comput. Math.* International Journal of Computer Mathematics. (New York)
- Internat. J. Control.* International Journal of Control. (London)
- Internat. J. Electronics.* International Journal of Electronics. (London)
- Internat. J. Engrg. Sci.* International Journal of Engineering Science. (Oxford-New York)
- Internat. J. Non-linear Mech.* International Journal of Non-linear Mechanics. (New York)
- Invent. Math.* Inventiones Mathematicae. (Berlin)
- Int.-Stroitel. Inst. Kulbyšev. Sb. Trudov.* Moskovskij Ordena Trudovogo Krasnogo Znamenija Inženerno-Stroitel'nyj Institut im. V. V. Kulbyševa. Sbornik Trudov. (Moscow)
- Israel J. Math.* Israel Journal of Mathematics. (Jerusalem)
- Ist. Lombardo Accad. Sci. Lett. Rend. A.* Istituto Lombardo. Accademia di Scienze e Lettere. Rendiconti. Scienze Matematiche, Fisiche, Chimiche e Geologiche. A. (Milan)
- Ist. Veneto Sci. Lett. Arti Atti Cl. Sci. Mat. Natur.* Istituto Veneto de Scienze, Lettere ed Arti. Venezia. Atti. Classe de Scienze Matematiche e Naturali. (Venice)
- Istanbul Tek. Üniv. Bül.* İstanbul Teknik Üniversitesi Bülteni. Bulletin of the Technical University of Istanbul. (Istanbul)
- Istanbul Üniv. Fen Fak. Mec. Ser. A.* İstanbul Üniversitesi Fen Fakültesi Mecmuası. A Serisi: Sırfı ve Tatbiki Matematik. Revue de la Faculté des Sciences de l'Université d'Istanbul. Série A: Mathématiques Pures et Appliquées. (Istanbul)
- Istor.-Mat. Issled.* Istoriko-Matematičeskije Issledovanija. (Moscow-Leningrad)
- Ivanov. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosveščenija RSFSR. Ivanovskij Gosudarstvennyj Pedagogičeskij Institut im. D. A. Furmanova. Ivanovskoe Matematičeskoe Obščestvo. Učenyje Zapiski. (Ivanovo)
- Izv. Acad. Sci. USSR Atmospher. Ocean. Phys.* Izvestiya Academy of Sciences USSR. Atmospheric and Oceanic Physics. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Atmosfer. i Okeana*)
- Izv. Acad. Sci. USSR Phys. Solid Earth.* Izvestiya Academy of Sciences USSR. Physics of the Solid Earth. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Zemli*)
- Izv. Akad. Nauk Armjan. SSR Ser. Mat.* Izvestija Akademii Nauk Armjanskoi SSR. Serija Matematika. (Erevan)
- Izv. Akad. Nauk Armjan. SSR Ser. Meh.* Izvestija Akademii Nauk Armjanskoi SSR. Serija Mehanika. (Erevan)

ABBREVIATIONS OF NAMES OF JOURNALS

- Izv. Akad. Nauk Azerbaidžan. SSR Ser. Fiz.-Tehn. Mat. Nauk.* *Izvestija Akademii Nauk Azerbaidžanskoi SSR. Serija Fiziko-Tehničeskii i Matematičeskii Nauk.* (Baku)
- Izv. Akad. Nauk Kazah. SSR Ser. Fiz.-Mat. Nauk.* *Izvestija Akademii Nauk Kazahskoi SSR. Serija Fiziko-Matematičeskii Nauk.* (Alma-Ata)
- Izv. Akad. Nauk Kirgiz. SSR.* *Izvestija Akademii Nauk Kirgizskoi SSR.* (Frunze)
- Izv. Akad. Nauk Mold. SSR = Bul. Akad. Štiințe RSS Moldoven.*
- Izv. Akad. Nauk SSSR Ser. Fiz. Atmosf. i Okeana.* *Izvestija Akademii Nauk SSSR. Serija Fizika Atmosfery i Okeana.* (Moscow) (Translated as: *Izv. Acad. Sci. USSR Atmospher. Ocean. Phys.*)
- Izv. Akad. Nauk SSSR Ser. Fiz. Zemli.* *Izvestija Akademii Nauk SSSR Serija Fizika Zemli.* (Moscow) (Translated as: *Izv. Acad. Sci. USSR Phys. Solid Earth*)
- Izv. Akad. Nauk SSSR Ser. Mat.* *Izvestija Akademii Nauk SSSR. Serija Matematičeskaja.* (Moscow) (Translated as: *Math. USSR-Izv.*)
- Izv. Akad. Nauk SSSR Ser. Meh. Židk. Gaza.* *Akademija Nauk SSSR. Izvestija Akademii Nauk SSSR. Serija Mehanika Židkosti i Gaza.* (Moscow)
- Izv. Akad. Nauk SSSR Tehn. Kibernet.* *Izvestija Akademii Nauk SSSR. Tehničeskaja Kibernetika.* (Moscow) (Translated as: *Engrg. Cybernetics*)
- Izv. Akad. Nauk Tadžik. SSR Otdel. Fiz.-Tehn. i Him. Nauk.* *Izvestija Akademii Nauk Tadžikskoi SSR. Otdelenie Fiziko-Tehničeskii i Himičeskii Nauk.* (Dushanbe)
- Izv. Akad. Nauk Turkmen. SSR Ser. Fiz.-Tehn. Him. Geol. Nauk.* *Izvestija Akademii Nauk Turkmenakoi SSR. Serija Fiziko-Tehničeskii, Himičeskii i Geologičeskii Nauk.* (Ashkhabad)
- Izv. Akad. Nauk UzSSR Ser. Fiz.-Mat. Nauk.* *Izvestija Akademii Nauk UzSSR. Serija Fiziko-Matematičeskii Nauk.* UzSSR Fanlar Akademijasining Ahboroti. Fizika-Matematika Fanlari Serijasi. (Tashkent)
- Izv. Kazan. Fil. Akad. Nauk SSSR Ser. Fiz.-Mat. i Tehn. Nauk.* *Izvestija Kazanskogo Filiala Akademii Nauk SSSR. Serija Fiziko-Matematičeskii i Tehničeskii Nauk.* (Kazan)
- Izv. Krymk. Ped. Inst.* *Izvestija Krymского Pedagogičeskogo Instituta im. M. V. Frunze.* (Simferopol)
- Izv. Sibirsk. Otd. Akad. Nauk SSSR.* *Izvestija Sibirskogo Otdelenija. Akademija Nauk SSSR.* (Novosibirsk)
- Izv. Vuzov = Izv. Vyssh. Učebn. Zaved. Matematika.*
- Izv. Vyssh. Učebn. Zaved. Aviacion. Tehn.* Ministerstvo Vysshogo i Srednego Special'nogo Obrazovaniya SSSR. *Izvestija Vyssh. Učebnyh Zavedenii. Aviacionnaja Tehnika.* (Kazan)
- Izv. Vyssh. Učebn. Zaved. Fizika.* Ministerstvo Vysshogo i Srednego Special'nogo Obrazovaniya SSSR. *Izvestija Vyssh. Učebnyh Zavedenii. Fizika.* (Tomsk)
- Izv. Vyssh. Učebn. Zaved. Matematika.* Ministerstvo Vysshogo Obrazovaniya SSSR. *Izvestija Vyssh. Učebnyh Zavedenii. Matematika.* (Kazan)
- Izv. Vyssh. Učebn. Zaved. Radioelektron.* Ministerstvo Vysshogo i Srednego Special'nogo Obrazovaniya SSSR. *Izvestija Vyssh. Učebnyh Zavedenii. Radioelektronika.* (Kiev) (Translated as: *Soviet Radio Engrg.*)
- Izv. Vyssh. Učebn. Zaved. Radiofizika.* Ministerstvo Vysshogo i Srednego Special'nogo Obrazovaniya SSSR. *Izvestija Vyssh. Učebnyh Zavedenii. Radiofizika.* (Gorki) (Translated as: *Soviet Radiophys.*)
- J. Acoust. Soc. Amer.* The Journal of the Acoustical Society of America. (New York)
- J. Algebra.* Journal of Algebra. (New York)
- J. Amer. Statist. Assoc.* Journal of the American Statistical Association. (Washington, D.C.)
- J. Analyse Math.* Journal d'Analyse Mathématique. (Jerusalem)
- J. Annamalai Univ. Part B Sci.* Journal of the Annamalai University. Part B. Sciences. (Annamalainagar)
- J. Appl. Math. Mech.* Journal of Applied Mathematics and Mechanics. (Translation of the Soviet journal *Prikladnaja Matematika i Mehanika*). (New York) (Translation of *Prikl. Mat. Meh.*)
- J. Appl. Probability.* Journal of Applied Probability. (East Lansing, Mich.)
- J. Assoc. Comput. Mach.* Journal of the Association for Computing Machinery. (New York)
- J. Astronaut. Sci.* American Astronautical Society. Journal of the Astronautical Sciences. (Baltimore, Md.)
- J. Atmospheric Sci.* Journal of the Atmospheric Sciences. (Boston, Mass.)
- J. Austral. Math. Soc.* The Journal of the Australian Mathematical Society. (Sydney)
- J. Chem. Phys.* The Journal of Chemical Physics. (New York)
- J. China Univ. Sci. Techn.* Journal of the China University of Science and Technology. Zhongguo Kexue Jiahu Daxue Xuebao. (Peking)
- J. College Arts Sci. Chiba Univ.* Journal of the College of Arts and Sciences, Chiba University. (Chiba)
- J. Combinatorial Theory.* Journal of Combinatorial Theory. (New York)
- J. Comput. System Sci.* Journal of Computer and System Sciences. (New York)
- J. Computational Phys.* Journal of Computational Physics. (New York)
- J. Cuneiform Studies.* Journal of Cuneiform Studies. (New Haven, Conn.)
- J. Differential Equations.* Journal of Differential Equations. (New York)
- J. Differential Geometry.* Journal of Differential Geometry. (Bethlehem, Pa.)
- J. Engrg. Math.* Journal of Engineering Mathematics. (Groningen)
- J. Fac. Engrg. Chiba Univ.* Journal of the Faculty of Engineering, Chiba University. (Chiba)
- J. Fac. Engrg. Univ. Tokyo Ser. B.* Journal of the Faculty of Engineering. University of Tokyo. Series B. (Tokyo)
- J. Fac. Sci. Hokkaido Univ. Ser. I.* Journal of the Faculty of Science. Hokkaido University. Series I. Mathematics. (Sapporo)
- J. Fac. Sci. Shinshu Univ.* Journal of the Faculty of Science. Shinshu University. (Matsumoto)
- J. Fac. Sci. Univ. Tokyo Sect. I.* Journal of the Faculty of Science. University of Tokyo. Section I. Mathematics, Astronomy, Physics, Chemistry. (Tokyo)
- J. Fluid Mech.* Journal of Fluid Mechanics. (London)
- J. Franklin Inst.* Journal of the Franklin Institute. (Philadelphia, Pa.)
- J. Functional Analysis.* Journal of Functional Analysis. (New York)
- J. Gakugei Tokushima Univ.* Journal of Gakugei. Tokushima University. (Tokushima)
- J. Indian Inst. Sci.* Journal of the Indian Institute of Science. (Bangalore)
- J. Indian Math. Soc.* The Journal of the Indian Mathematical Society. (Madras)
- J. Indian Soc. Agric. Statist.* Journal of the Indian Society of Agricultural Statistics. (New Delhi)
- J. Indian Statist. Assoc.* Journal of the Indian Statistical Association. (Bombay)
- J. Inst. Math. Appl.* Journal of the Institute of Mathematics and its Applications. (New York)
- J. Karnatak Univ. Sci.* Journal of the Karnatak University. Science. (Dharwar)
- J. London Math. Soc.* The Journal of the London Mathematical Society. (London)
- J. Madras Univ. B.* Journal of the Madras University. B. Contributions in Mathematics, Physical and Biological Sciences. (Madras)
- J. Math. Anal. Appl.* Journal of Mathematical Analysis and Applications. (New York)
- J. Math. and Phys.* Journal of Mathematics and Physics. (Cambridge, Mass.)
- J. Math. Kyoto Univ.* Journal of Mathematics of Kyoto University. (Kyoto)

- J. Math. Mech.* Journal of Mathematics and Mechanics. (Bloomington, Ind.)
- J. Math. Pures Appl.* Journal de Mathématiques Pures et Appliquées. (Paris)
- J. Math. Soc. Japan.* Journal of the Mathematical Society of Japan. (Tokyo)
- J. Mathematical Phys.* Journal of Mathematical Physics. (New York)
- J. Mathematical Psychology.* Journal of Mathematical Psychology. (New York)
- J. Mécanique.* Journal de Mécanique. (Paris)
- J. Mech. Phys. Solids.* Journal of the Mechanics and Physics of Solids. (London)
- J. Natur. Sci. and Math.* The Journal of Natural Sciences and Mathematics. (Lahore)
- J. Operations Res. Soc. Japan.* Journal of the Operations Research Society of Japan. (Tokyo)
- J. Opt. Soc. Amer.* Journal of the Optical Society of America. (New York)
- J. Optimization Theory Appl.* Journal of Optimization Theory and Applications. (New York)
- J. Osaka Inst. Sci. Tech. Part I.* Journal of the Osaka Institute of Science and Technology. (Kinki University). Part I. Mathematics and Physics. (Osaka)
- J. Phys. Soc. Japan.* Journal of the Physical Society of Japan. (Tokyo)
- J. Reine Angew. Math.* Journal für die reine und angewandte Mathematik. (Berlin)
- J. Res. Nat. Bur. Standards Sect. B.* Journal of Research of the National Bureau of Standards. Section B. Mathematics and Mathematical Physics. (Washington, D.C.)
- J. Roy. Statist. Soc. Ser. A.* Journal of the Royal Statistical Society. Series A (General). (London)
- J. Roy. Statist. Soc. Ser. B.* Journal of the Royal Statistical Society. Series B (Methodological). (London)
- J. Sci. Engrg. Res.* Journal of Science and Engineering Research. (Kharagpur)
- J. Sci. Hiroshima Univ. Ser. A-I Math.* Journal of Science of the Hiroshima University. Series A-I (Mathematics). (Hiroshima)
- J. Sci. Res. Banaras Hindu Univ.* The Journal of Scientific Research of the Banaras Hindu University. (Banaras)
- J. Symbolic Logic.* The Journal of Symbolic Logic. (Providence, R.I.)
- J. Tsing Hua Univ.* Journal of Tsing Hua University. (Peking)
- J. Univ. Bombay.* Journal of the University of Bombay. (Bombay)
- Jadernaja Fiz.* Akademija Nauk SSSR. Jadernaja Fizika. (Moscow) (Translated as: *Soviet J. Nuclear Phys.*)
- Janus.* Janus. Revue Internationale de l'Histoire des Sciences, de la Médecine, de la Pharmacie et de la Technique. (Leiden)
- Japan. J. Math.* Science Council of Japan. Japanese Journal of Mathematics. (Tokyo)
- Jaroslav. Gos. Ped. Inst. Dokl. Naučn. Konfer.* Jaroslavl'skij Gosudarstvennyj Pedagogičeskij Institut. Doklady na Naučnyh Konferencijah. (Jaroslavl)
- Jber. Deutsch. Math.-Verein.* Jahresbericht der Deutschen Mathematiker-Vereinigung. (Stuttgart)
- Kabardino-Balkarsk. Gos. Univ. Učen. Zap.* Kabardino-Balkarskij Gosudarstvennyj Universitet. Učenyi Zapiski. (Formerly: Kabardino-Balkarsk. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat.)
- Kabardino-Balkarsk. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat.* Kabardino-Balkarskij Gosudarstvennyj Universitet. Učenyi Zapiski. (Nalchik) (Continued as: Kabardino-Balkarsk. Gos. Univ. Učen. Zap.)
- Kalinin. Gos. Ped. Inst. Učen. Zap.* Kalinin'skij Gosudarstvennyj Pedagogičeskij Institut im. M. I. Kalinina. Učenyi Zapiski. (Kalinin)
- Kaliningrad. Gos. Ped. Inst. Učen. Zap.* Kaliningrad'skij Gosudarstvennyj Pedagogičeskij Institut. Učenyi Zapiski. (Kaliningrad)
- Kazak. Gos. Ped. Inst. Učen. Zap.* Kazahskij Gosudarstvennyj Pedagogičeskij Institut im. Abaja. Učenyi Zapiski. (Alma-Ata)
- Kazan. Gos. Univ. Učen. Zap.* Kazanskij Ordena Trudovogo Krasnogo Znameni Gosudarstvennyj Universitet im. V. I. Ul'janova-Lenina. Učenyi Zapiski. (Kazan)
- Keiei-Kagaku.* Keiei-Kagaku (Management Science). Japanese Operations Research Association. (Tokyo)
- Kemerov. Gos. Ped. Inst. Učen. Zap.* Kemerovskij Gosudarstvennyj Pedagogičeskij Institut. Učenyi Zapiski. (Kemerovo)
- Kexue Tongbao.* Chinese Academy of Science. Kexue Tongbao (Science Bulletin). (Peking)
- Kexue Tongbao (Foreign Lang. Ed.).* Academia Sinica. Kexue Tongbao (Science Bulletin) (Foreign Language Edition). (Peking)
- Kibernetika (Kiev).* Otdelenie Matematiki, Mehaniki i Kibernetiki Akademii Nauk Ukrainako SSR. Kibernetika. (Kiev) (Translated as: *Cybernetics*)
- Kirov. Gos. Ped. Inst. Učen. Zap.* Kirovskij Gosudarstvennyj Pedagogičeskij Institut imeni V. I. Lenina. Učenyi Zapiski. (Yoshkar-Ola)
- Kišinev. Gos. Univ. Učen. Zap.* Ministerstvo Narodnogo Obrazovanija Moldavsko SSR. Kišinevskij Gosudarstvennyj Universitet. Učenyi Zapiski. (Kishinev)
- Knižnice Odborn. Věd. Spisú Vysoké. Učení Tech. v Brně.* Knižnice Odborných a Vědeckých Spisů Vysokého Učení Technického v Brně. Vysoké Učení Technické v Brně. (Brno)
- Kōdai Math. Sem. Rep.* Kōdai Mathematical Seminar Reports. (Tokyo)
- Kolomen. Ped. Inst. Učen. Zap.* Ministerstvo Prosveščeniya RSFSR. Kolomenskij Pedagogičeskij Institut. Učenyi Zapiski. (Kolomna)
- Kosmič. Issled.* Akademija Nauk SSSR. Kosmičeskije Issledovanija. (Moscow) (Translated as: *Cosmic Research*)
- Krasnodar. Gos. Ped. Inst. Naučn. Trudy.* Krasnodarskij Gosudarstvennyj Pedagogičeskij Institut. Naučnye Trudy. (Krasnodar)
- Kristallografiya.* Akademija Nauk SSSR. Kristallografiya. (Moscow) (Translated as: *Soviet Physics Cryst.*)
- Kulbyšev. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosveščeniya RSFSR. Kulbyševskij Gosudarstvennyj Pedagogičeskij Institut imeni V. V. Kulbyševa. Učenyi Zapiski. (Kuybyshev)
- Kumamoto J. Sci. Ser. A.* Kumamoto Journal of Science. Series A (Mathematics, Physics and Chemistry). (Kumamoto)
- Kungl. Tekn. Högsk. Handl. Stockholm.* Kungl. Tekniska Högskolans Handlingar. Transactions of the Royal Institute of Technology, Stockholm, Sweden. (Stockholm)
- Kybernetika (Prague).* Kybernetika. (Prague)
- Kyungpook Math. J.* Kyungpook National University. Kyungpook Mathematical Journal. (Taegu)
- Latvijas PSR Zinātņu Akad. Vēstis.* Latvijas PSR Zinātņu Akadēmijas Vēstis. Izvestija Akademii Nauk Latvijas SSR. (Riga)
- Latvijas PSR Zinātņu Akad. Vēstis Fiz. Tehn. Zinātņu Sēr.* Latvijas PSR Zinātņu Akadēmijas Vēstis. Fizikas un Tehnisko Zinātņu Sērija. Izvestija Akademii Nauk Latvijas SSR. Serija Fiziceskih i Tehničeskijh Nauk. (Riga)
- Latvijas Valsts Univ. Zinātņ. Raksti.* PSRS Augstākās Izglītības Ministrija. Pētera Stučkas Latvijas Valsts Universitāte. Zinātniskie Raksti. Ministerstvo Vyššego Obrazovanija. Latviškij Gosudarstvennyj Universitet im. Petra Stučki. Učenyi Zapiski. (Riga)
- Leninabad. Gos. Ped. Inst. Učen. Zap.* Leninabad'skij Gosudarstvennyj Pedagogičeskij Institut. Učenyi Zapiski. (Dushanbe)
- Leningrad. Gos. Ped. Inst. Učen. Zap.* Leningrad'skij Gosudarstvennyj Pedagogičeskij Institut im. A. I. Gercena. Učenyi Zapiski. (Leningrad)
- Leningrad. Gos. Univ. Učen. Zap. Ser. Mat. Nauk.* Leningrad'skij Gosudarstvennyj Ordena Lenina Universitet imeni A. A. Ždanova. Učenyi Zapiski. Serija Matematičeskijh Nauk. (Leningrad)
- Leningrad. Inž.-Ekonom. Inst. Trudy.* Leningrad'skij Inženerno-Ekonomičeskij Institut imeni Pal'miro Tol'jatti. Trudy. (Leningrad)
- Leningrad. Politehn. Inst. Trudy.* Ministerstvo Vyššego i Srednego Special'nogo Obrazovanija RSFSR. Leningrad'skij Politehničeskij Institut im. M. I. Kalinina. Trudy LPI. (Leningrad)

ABBREVIATIONS OF NAMES OF JOURNALS

- Linear Algebra and Appl.* Linear Algebra and its Applications. (New York)
- Litovsk. Fiz. Sb.* Lietuvos TSR Mokslų Akademija. Lietuvos TSR Aukštojo Mokyklos. Lietuvos Fizikos Rinkiny. Akademija Nauk Litovskoi SSR. Vyšie Školy Litovskoi SSR. Litovskii Fizičeskii Sbornik. (Vilnius)
- Litovsk. Mat. Sb.* Lietuvos TSR Mokslų Akademija. Lietuvos TSR Aukštojo Mokyklos. Lietuvos Matematikos Rinkiny. Akademija Nauk Litovskoi SSR. Vyšie Učebnye Zavedeniya Litovskoi SSR. Litovskii Matematičeskii Sbornik. (Vilnius)
- Logique et Analyse.* Logique et Analyse. (Louvain)
- L'ov. Politehn. Inst. Naučn. Zap. Ser. Fiz.-Mat.* MVO USSR. L'ovskii Politehničeskii Institut. Naučnye Zapiski. Seriya Fiziko-Matematičeskaja. (Lvov)
- Madhya Bharati J. Univ. Saugar II A.* Madhya Bharati. Journal of the University of Saugar. Part II, Sec. A. (Saugar)
- Magnetohydrodynamics.* Magnetohydrodynamics. (A translation of *Magnitnaya Gidrodinamika* of the Academy of Sciences of the Latvian SSR). (New York) (Translation of *Magnit. Gidrodinamika*)
- Magnit. Gidrodinamika.* Akademija Nauk Latvinskoi SSR. Magnitnaya Gidrodinamika. (Riga) (Translated as: *Magnetohydrodynamics*)
- Magyar Tud. Akad. Mat. Fiz. Oszt. Köz. A Magyar Tudományos Akadémia Matematikai és Fizikai Tudományok Osztályának Közleményei.* (Budapest)
- Mari. Gos. Ped. Inst. Učen. Zap.* Mariškii Gosudarstvennyi Pedagogičeskii Institut. Učebnye Zapiski. (Ioshkar-Ola)
- Mat. Časopis Sloven. Akad. Vied.* Matematički Časopis Slovenske Akadēmie Vied. (Bratislava) (Formerly: *Mat.-Fyz. Časopis Sloven. Akad. Vied*)
- Mat.-Fys. Medd. Danske Vid. Selsk.* Matematiskfysiske Meddelelser udgivet af Det Kongelige Danske Videnskabernes Selskab. (Copenhagen)
- Mat.-Fys. Skr. Danske Vid. Selsk.* Matematiskfysiske Skrifter udgivet af Det Kongelige Danske Videnskabernes Selskab. (Copenhagen)
- Mat.-Fyz. Časopis Sloven. Akad. Vied.* Matematicko-Fyzikálny Časopis. Slovenská Akadēmia Vied. (Bratislava) (Continued as: *Mat. Časopis Sloven. Akad. Vied* and *Fyz. Časopis Sloven. Akad. Vied*)
- Mat. Issled.* Akademija Nauk Moldavskoi SSR. Institut Matematiki s Vyšitel'nym Centrom. Matematičeskie Issledovaniya. (Kishinev)
- Mat. Lapok.* Matematikai Lapok. Bolyai János Matematikai Társulat. (Budapest)
- Mat. Sb.* Matematičeskii Sbornik. Novaya Seriya. (Moscow)
- Mat. Voenik.* Društvo Matematičara, Fizičara i Astronoma SRS i Matematički Institut-Beograd. Matematički Voenik. Nova Seriya. (Belgrade)
- Mat. Zametki.* Akademija Nauk Sojuza SSR. Matematičeskie Zametki. (Moscow)
- Matematichesk (Catania).* Le Matematichesk. (Catania)
- Math. Algorithms.* Massachusetts Institute of Technology. Mathematical Algorithms. (Cambridge, Mass.)
- Math. Ann.* Mathematische Annalen. (Berlin-Göttingen-Heidelberg)
- Math. Biosci.* Mathematical Biosciences: An International Journal. (New York)
- Math. Centrum Amsterdam Afd. Zuivere Wisk.* Mathematisch Centrum Amsterdam. Afdeling Zuivere Wiskunde. (Amsterdam)
- Math. Centrum Amsterdam Rekenafdeling.* Mathematisch Centrum Amsterdam. Rekenafdeling. (Amsterdam)
- Math. Comp.* Mathematics of Computation. (Washington, D.C.)
- Math. Gaz.* The Mathematical Gazette. (London)
- Math. J. Okayama Univ.* Mathematical Journal of Okayama University. (Okayama)
- Math. Japon.* Mathematica Japonica. (Kobe)
- Math. Mag.* Mathematics Magazine. (Buffalo, N.Y.)
- Math. Nachr.* Mathematische Nachrichten. (Berlin)
- Math. Notae.* Mathematicae Notae. Boletín del Instituto de Matemática. (Rosario)
- Math.-Phys. Semesterber.* Mathematisch-Physikalische Semesterberichte. (Göttingen)
- Math. Reviews.* Mathematical Reviews. (Providence, R.I.) (Usually abbreviated as *MR* in the text of *Math. Reviews*)
- Math. Scand.* Mathematica Scandinavica. (Copenhagen)
- Math. Sci. Humaines.* Centre de Mathématique Sociale et de Statistique EPHE. Mathématiques et Sciences Humaines. (Paris)
- Math. Student.* The Mathematics Student. (Madras)
- Math. Systems Theory.* Mathematical Systems Theory. (New York)
- Math. und Wirtschaft.* Mathematik und Wirtschaft. (Berlin)
- Math. USSR-Izv.* Mathematics of the USSR-Izvestiya. (Providence, R.I.) (Translation of *Izv. Akad. Nauk SSSR Ser. Mat.*)
- Math. Z.* Mathematische Zeitschrift. (Berlin-Göttingen-Heidelberg)
- Mathematica (Cluj).* Societatea de Științe Matematice și Fizice din R.P.R. Filiala Cluj. Mathematica. (Cluj)
- Mathematika.* Mathematika. A Journal of Pure and Applied Mathematics. (London)
- Mathesis.* Mathesis. Recueil Mathématique à l'Usage des Écoles Spéciales et des Établissements d'Instruction Moyenne. (Mons)
- Matrix Tensor Quart.* The Tensor Club of Great Britain. The Matrix and Tensor Quarterly. (London)
- Mech. Teoret. Stos.* Polskie Towarzystwo Mechaniki Teoretycznej i Stosowanej. Mechanika Teoretyczna i Stosowana. (Warsaw)
- Medd. Lunds Univ. Mat. Sem.* Meddelanden från Lunds Universitets Matematiska Seminarium. Communications du Séminaire Mathématique de l'Université de Lund. (Lund)
- Melekesz. Gos. Ped. Inst. Učen. Zap.* Melekeszkii Gosudarstvennyi Pedagogičeskii Institut. Učebnye Zapiski. (Melekesz)
- Mem. Amer. Math. Soc.* Memoirs of the American Mathematical Society. (Providence, R.I.)
- Mem. Defense Acad.* Memoirs of the Defense Academy (Mathematics, Physics, Chemistry and Engineering) (Yokosuka)
- Mem. Fac. Ci. Univ. Habana Ser. Mat.* Memorias de la Facultad de Ciencias. Universidad de la Habana. Serie Matemáticas. (Havana)
- Mem. Fac. Engrg. Hiroshima Univ.* Memoirs of the Faculty of Engineering. Hiroshima University. (Hiroshima)
- Mem. Fac. Engrg. Miyazaki Univ.* Memoirs of the Faculty of Engineering. Miyazaki University. (Miyazaki)
- Mem. Fac. Lit. Sci. Shimane Univ. Natur. Sci.* Memoirs of the Faculty of Literature and Science Shimane University Natural Sciences. (Matsue)
- Mem. Fac. Sci. Kyushu Univ. Ser. A.* Memoirs of the Faculty of Science. Kyushu University. Series A. Mathematics. (Fukuoka)
- Mem. Kitami Inst. Tech.* Memoirs of the Kitami Institute of Technology. (Kitami)
- Mem. Mat. Inst. "Jorge Juan".* Consejo Superior de Investigaciones Científicas. Memorias de Matemática del Instituto "Jorge Juan". (Madrid)
- Mem. Muroran Inst. Tech.* Memoirs of the Muroran Institute of Technology. (Murooran)
- Mem. Osaka Gakugei Univ. B Natur. Sci.* Memoirs of Osaka Gakugei University B. Natural Sciences. (Osaka) (Formerly: *Mem. Osaka Univ. Lib. Arts Ed. Ser. B*)
- Mem. Osaka Univ. Lib. Arts Ed. Ser. B.* Memoirs of the Osaka University of the Liberal Arts and Education. Series B. Natural Science. (Osaka) (Continued as: *Mem. Osaka Gakugei Univ. B Natur. Sci.*)
- Mem. Real Acad. Ci. Art. Barcelona.* Memorias de la Real Academia de Ciencias y Artes de Barcelona. (Barcelona)

- Mem. Real Acad. Ci. Exact. Fis. Natur. Madrid.* Memorias de la Real Academia de Ciencias Exactas, Físicas y Naturales de Madrid. Serie de Ciencias Exactas. (Madrid)
- Mem. School Sci. Engrg. Waseda Univ. Tokyo.* Memoirs of the School of Science and Engineering. Waseda University, Tokyo. (Tokyo)
- Mem. Soc. Astronom. Ital.* Memorie della Società Astronomica Italiana. (Milan)
- Mém. Soc. Roy. Sci. Liège Coll. in-8°.* Mémoires de la Société Royale des Sciences de Liège. Collection in-8°. (Liège)
- Mémor. Sci. Math.* Mémorial des Sciences Mathématiques. (Paris)
- Mémor. Sci. Phys.* Mémorial des Sciences Physiques. (Paris)
- Metody Vyčisl. Leningradskii Ordena Lenina Gosudarstvennyi Universitet imeni A. A. Zdanova. Kafedra Vyčislitel'noi Matematiki i Vyčislitel'nyi Centr. Metody Vyčislenii.* (Leningrad)
- Metrika. Metrika.* (Würzburg)
- Metroecon. Metroeconomica. Rivista Internazionale di Economica.* (Bologna)
- Metron. Metron.* (Rome)
- Michigan Math. J.* The Michigan Mathematical Journal. (Ann Arbor, Mich.)
- Mitt. Inst. Angew. Math. Zürich.* Mitteilungen aus dem Institut für angewandte Mathematik an der Eidgenössischen Technischen Hochschule in Zürich. (Zürich)
- Mitt. Math. Gesellsch. Hamburg.* Mitteilungen der mathematischen Gesellschaft in Hamburg. (Hamburg)
- Mitt. Math. Sem. Giessen.* Mitteilungen aus dem Mathematischen Seminar Giessen. (Giessen)
- Mitt. Verein. Schweiz. Versich.-Math.* Mitteilungen der Vereinigung Schweizerischer Versicherungsmathematiker. Bulletin de l'Association des Actuaires Suisses. (Bern)
- Molecular Phys. Molecular Physics.* (London)
- Monatsh. Deutsch. Akad. Wiss. Berlin.* Monatsberichte der Deutschen Akademie der Wissenschaften zu Berlin. (Berlin)
- Monatsh. Math.* Monatshefte für Mathematik. (Vienna)
- Moscow Univ. Bull. Ser. III Phys. Astronom.* Moscow University. Moscow University Bulletin. Series III. Physics and Astronomy. (Acton, Mass.) (Translation of *Vestnik Moskov. Univ. Ser. III Fiz. Astronom.*)
- Moskov. Gos. Ped. Inst. Učen. Zap. Moskovskii Gosudarstvennyi Pedagogičeskii Institut im. V. I. Lenina. Učenyje Zapiski.* (Moscow)
- Moskov. Gos. Univ. Soobšč. Gos. Astronom. Inst. Šternberg.* Moskovskii Gosudarstvennyi Universitet im. M. V. Lomonosova. Soobščeniia Gosudarstvennogo Astronomičeskogo Instituta im. P. K. Šternberga. (Moscow)
- Moskov. Gos. Univ. Trudy Gos. Astronom. Inst. Šternberg.* Moskovskii Gosudarstvennyi Universitet im. M. V. Lomonosova. Trudy Gosudarstvennogo Astronomičeskogo Instituta im. P. K. Šternberga. (Moscow)
- Moskov. Gos. Univ. Voprosy Meh. Moskovskii Gosudarstvennyi Universitet. Voprosy Mehaniki.* (Moscow)
- Moskov. Inst. Inž. Železnodorož. Transporta Trudy.* Moskovskii Institut Inženerov Železnodorožnogo Transporta. Trudy. (Moscow)
- Moskov. Oblast. Ped. Inst. Učen. Zap. Moskovskii Oblastnoi Pedagogičeskii Institut. Učenyje Zapiski.* (Moscow)
- MR. Mathematical Reviews.* (Providence, R.I.)
- Nachr. Akad. Wiss. Göttingen Math.-Phys. Kl. II.* Nachrichten der Akademie der Wissenschaften in Göttingen. II. Mathematisch-Physikalische Klasse. (Göttingen)
- Nagoya Math. J.* Nagoya Mathematical Journal. (Nagoya)
- Nanta Math. Nanyang University. Nanta Mathematica.* (Singapore) (Formerly: *Bull. Math. Soc. Nanyang Univ.*)
- Nat. Bur. Standards Appl. Math. Ser.* National Bureau of Standards. Applied Mathematics Series. (Washington, D.C.)
- Nat. Lucht- en Ruimtevaartlab. Amsterdam Rep. Nationaal Lucht- en Ruimtevaartlaboratorium. National Aero- and Astronautical Research Institute Amsterdam. Report.* (Amsterdam)
- Natur. Sci. Rep. Ochanomizu Univ.* Natural Science Report of the Ochanomizu University. (Tokyo)
- Naval Res. Logist. Quart.* Naval Research Logistics Quarterly. (Washington, D.C.)
- Nederl. Akad. Wetensch. Indag. Math.* Koninklijke Nederlandse Akademie van Wetenschappen. Indagationes Mathematicae ex Actis Quibus Titulus. Proceedings of the Section of Sciences. (Amsterdam) (Same as: *Nederl. Akad. Wetensch. Proc. Ser. A*)
- Nederl. Akad. Wetensch. Proc. Ser. A.* Koninklijke Nederlandse Akademie van Wetenschappen. Proceedings. Series A. Mathematical Sciences. (Amsterdam) (Same as: *Nederl. Akad. Wetensch. Indag. Math.*)
- Nederl. Akad. Wetensch. Proc. Ser. B.* Koninklijke Nederlandse Akademie van Wetenschappen. Proceedings. Series B. Physical Sciences. (Amsterdam)
- Nederl. Akad. Wetensch. Verslag Afd. Natuurk.* Koninklijke Nederlandse Akademie van Wetenschappen. Verslag van de Gewone Vergadering van de Afdeling Natuurkunde. (Amsterdam)
- Nieuw Arch. Wisk.* Nieuw Archief voor Wiskunde. (Groningen)
- Nigerian J. Sci.* University of Ibadan. Nigerian Journal of Science. (Ibadan)
- Nordisk Mat. Tidsskr.* Nordisk Matematisk Tidsskrift. (Oslo)
- Nordisk Tidsskr. Informations-Behandling.* Nordisk Tidsskrift for Informations-Behandling. (Copenhagen) See *Nordisk Tidsskr. Informations-Behandling (BIT)*.
- Nordisk Tidsskr. Informations-Behandling (BIT).* Nordisk Tidsskrift for Informations-Behandling. (Copenhagen) (Formerly listed as: *Nordisk Tidsskr. Informations-Behandling*)
- Norske Vid. Selsk. Forh. (Trondheim).* Det Kongelige Norske Videnskabs Selskabs Forhandlinger. (Trondheim)
- Norske Vid. Selsk. Skr. (Trondheim).* Det Kongelige Norske Videnskabs Selskabs Skrifter. (Trondheim)
- Notas Mat.* Notas de Matemática. (Rio de Janeiro)
- Notices Amer. Math. Soc.* Notices of the American Mathematical Society. (Providence, R.I.)
- Notre Dame J. Formal Logic.* Notre Dame Journal of Formal Logic. (Notre Dame, Ind.)
- Novgorod. Golovn. Gos. Ped. Inst. Učen. Zap. Novgorodskii Golovnoi Gosudarstvennyi Pedagogičeskii Institut. Učenyje Zapiski.* (Novgorod)
- Numer. Math.* Numerische Mathematik. (Berlin-Göttingen-Heidelberg)
- Nuovo Cimento A.* Il Nuovo Cimento A. (Bologna)
- Nuovo Cimento B.* Il Nuovo Cimento B. (Bologna)
- Nuovo Cimento Suppl.* Supplemento al Nuovo Cimento. (Bologna)
- Obzornik Mat. Fiz. Društvo Matematikov, Fizikov in Astronomov SRS.* Obzornik za Matematiko in Fiziko. (Ljubljana)
- Odess. Gos. Univ. Naučn. Ežegodnik.* Ministerstvo Vyssogo i Srednego Special'nogo Obrazovanija USSR. Odeskii Gosudarstvennyi Universitet. Naučnyi Ežegodnik. (Odessa)
- Operations Res.* Operations Research. The Journal of the Operations Research Society of America. (Baltimore, Md.) (Sometimes abbreviated as *OR* in *Math. Reviews*)
- Optica Acta.* Optica Acta. (London)
- Optimal. Planirovanie.* Optimal'noe Planirovanie. Akademiia Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. (Novosibirsk)
- Orehovo-Zuev. Ped. Inst. Učen. Zap. Kaf. Mat.* Ministerstvo Prosveščeniia RSFSR. Orekhovo-Zuevskii Pedagogičeskii Institut. Učenyje Zapiski Kafedry Matematiki. (Moscow)
- Orlov. Gos. Ped. Inst. Učen. Zap. Orlovskii Gosudarstvennyi Pedagogičeskii Institut. Učenyje Zapiski.* (Orel)

ABBREVIATIONS OF NAMES OF JOURNALS

- Osaka J. Math.* Osaka Journal of Mathematics. (Osaka)
- Österreich. Akad. Wiss. Math.-Natur. Kl. S.-B. II.* Österreichische Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Sitzungsberichte. Abteilung II. Mathematik, Astronomie, Physik, Meteorologie und Technik. (Vienna)
- P.A.* Science Abstracts. Physics Abstracts. (London)
- Pacific J. Math.* Pacific Journal of Mathematics. (Berkeley, Calif.)
- Panjab Univ. J. Math. (Lahore).* Panjab University Journal of Mathematics. (Lahore)
- Papers and Proc. Roy. Soc. Tasmania.* Papers and Proceedings of the Royal Society of Tasmania. (Hobart)
- Penz. Politehn. Inst. Učen. Zap. Mat. Meh.* Penzenskii Politehnicheskii Institut. Matematika i Mehanika. Uchenye Zapiski. (Penza)
- Period. Mat.* Periodico di Matematiche. (Bologna)
- Perm. Gos. Univ. Učen. Zap.* Permskii Gosudarstvennyi Universitet imeni A. M. Gor'kogo. Uchenye Zapiski. (Perm)
- Perm. Politehn. Inst. Sb. Naučn. Trud.* Permskii Politehnicheskii Institut. Sbornik Nauchnykh Trudov. (Perm)
- Philos. Sci.* Philosophy of Science. (Baltimore, Md.)
- Philos. Trans. Roy. Soc. London Ser. A.* Philosophical Transactions of the Royal Society of London. Series A. Mathematical and Physical Sciences. (London)
- Phys. Fluids.* The Physics of Fluids. (New York)
- Phys. Norveg.* Physica Norvegica. (Oslo)
- Phys. Rev.* The Physical Review. (New York)
- Phys. Rev. Lett.* Physical Review Letters. (New York)
- Physica.* Physica. (Amsterdam)
- Physics.* Physics. Physique. Fizika. (Long Island, N.Y.)
- Physics Abstracts.* Science Abstracts. Physics Abstracts. (London) (Usually abbreviated *PA* in the text of *Math. Reviews*)
- Pokroky Mat. Fyz. Astronom.* Jednota Československých Matematiků a Fyziku. Pokroky Matematiky, Fyziky a Astronomie. (Prague)
- Polaka Biblio. Analit. Mech.* Polaka Akademia Nauk. Instytut Podstawowych Problemów Techniki. Polaka Bibliografia Analizy. Mechanika. Polish Scientific Abstracts. Mechanics. (Warsaw)
- Portugal. Math.* Portugaliae Mathematica. (Lisbon)
- Portugal. Phys.* Portugaliae Physica. (Lisbon)
- Prace Mat. Roczniki Polskiego Towarzystwa Matematycznego. Seria I.* Prace Matematyczne. (Warsaw)
- Prakt. Akad. Athénén.* Πρακτικά τῆς Ἀκαδημίας Ἀθηνῶν. (Athens)
- Priblīž. Metod. Rešen. Differencial'. Uravnen.* Priblizhennye Metody Resheniya Differentsial'nykh Uravnenii. (Kiev)
- Prikl. Mat. Meh.* Akademija Nauk SSSR. Otdelenie Tehnicheskikh Nauk. Institut Mehaniki. Prikladnaja Matematika i Mehanika. (Moscow) (Translated as: *J. Appl. Math. Mech.*)
- Prikladna. Meh.* Akademija Nauk Ukrainkoj SSR. Otdelenie Matematiki, Mehaniki i Kibernetiki. Prikladnaja Mehanika. (Kiev) (Translated as: *Soviet Appl. Mech.*)
- Primenen. Mat. Ekonom.* Leningradskii Ordena Lenina Gosudarstvennyi Universitet imeni A. A. Zdanova. Kafedra i Laboratorija Ekonomiko-Matematicheskikh Metodov. Primenenie Matematiki v Ekonomike. (Leningrad)
- Probleme der Kybernetik.* Probleme der Kybernetik. (Berlin) (Translation of *Problemy Kibernet.*)
- Problems of Information Transmission.* Problems of Information Transmission. (New York) (Translation of *Problemy Peredači Informacii*)
- Problemy Kibernet.* Problemy Kibernetiki. (Moscow)
- Problemy Mat. Anal. Slož. Sistem.* Voronežskii Gosudarstvennyi Universitet. Problemy Matematičeskogo Analiza Složnykh Sistem. (Voronezh)
- Problemy Peredači Informacii.* Akademija Nauk SSSR. Institut Problem Peredači Informacii Akademii Nauk SSSR. Problemy Peredači Informacii. (Moscow) (Translated as: *Problems of Information Transmission*)
- Proc. Amer. Math. Soc.* Proceedings of the American Mathematical Society. (Providence, R.I.)
- Proc. Cambridge Philos. Soc.* Proceedings of the Cambridge Philosophical Society. (Cambridge, England)
- Proc. Edinburgh Math. Soc.* Proceedings of the Edinburgh Mathematical Society. (Edinburgh) (Contains *Proc. Edinburgh Math. Soc. Edinburgh Math. Notes*)
- Proc. Edinburgh Math. Soc. Edinburgh Math. Notes.* Proceedings of the Edinburgh Mathematical Society. Edinburgh Mathematical Notes. (Edinburgh) (Included in *Proc. Edinburgh Math. Soc.*)
- Proc. Indian Acad. Sci. Sect. A.* Proceedings of the Indian Academy of Sciences. Section A. (Bangalore)
- Proc. Inst. Statist. Math.* The Proceedings of the Institute of Statistical Mathematics. (Tokyo)
- Proc. Japan Acad.* Proceedings of the Japan Academy. (Tokyo)
- Proc. London Math. Soc.* Proceedings of the London Mathematical Society. (London)
- Proc. Math. Phys. Soc. U.A.R. (Egypt).* Proceedings of the Mathematical and Physical Society of U.A.R. (Egypt). (Cairo)
- Proc. Nat. Acad. Sci. India Sect. A.* Proceedings of the National Academy of Sciences, India. Section—A. (Allahabad)
- Proc. Nat. Acad. Sci. U.S.A.* Proceedings of the National Academy of Sciences of the United States of America. (Washington, D.C.)
- Proc. Nat. Inst. Sci. India Part A.* Proceedings of the National Institute of Sciences of India. Part A. Physical Sciences. (New Delhi)
- Proc. Pakistan Statist. Assoc.* Proceedings of the Pakistan Statistical Association. (Lahore)
- Proc. Phys. Soc.* Proceedings of the Physical Society. (London)
- Proc. Rajasthan Acad. Sci.* The Proceedings of the Rajasthan Academy of Sciences. (Pilani)
- Proc. Roy. Irish Acad. Sect. A.* Proceedings of the Royal Irish Academy. Section A. (Dublin)
- Proc. Roy. Soc. Edinburgh Sect. A.* Proceedings of the Royal Society of Edinburgh. Section A. (Mathematical and Physical Sciences). (Edinburgh)
- Proc. Roy. Soc. Ser. A.* Proceedings of the Royal Society. Series A. Mathematical and Physical Sciences. (London)
- Proc. Steklov Inst. Math.* Proceedings of the Steklov Institute of Mathematics. (Providence, R.I.) (Translation of *Trudy Mat. Inst. Steklov.*)
- Proc. Vibration Problems.* Polish Academy of Sciences. Institute of Basic Technical Problems. Proceedings of Vibration Problems. (Warsaw)
- Proc. West Virginia Acad. Sci.* West Virginia University Bulletin. West Virginia Academy of Science. Proceedings. (Morgantown, W. Va.)
- Progr. Math.* See *Shuxue Jinzhan.*
- Progr. Math. (Allahabad).* Academy for Progress of Mathematics of the University of Allahabad. Progress of Mathematics. (Allahabad)
- Progr. Theoret. Phys.* Progress of Theoretical Physics. (Kyoto)
- Przegląd Statyst.* Sekcja Statystyki Polskiego Towarzystwa Ekonomicznego. Przegląd Statystyczny. (Warsaw)

- Pakov. Ped. Inst. Fiz.-Mat. Fak. Učen. Zap. Ministerstvo Prosvětenija RSFSR.* Pakovskii Pedagogičeskii Institut. Fiziko-Matematičeskii Fakul'tet. Učeny Zapiski. (Pakov)
- Psychometrika.* Psychometrika. A Journal Devoted to the Development of Psychology as a Quantitative Rational Science. (Chapel Hill, N.C.)
- Publ. Centro Estudos Mat. Porto.* Publicações do Centro de Estudos Matemáticos do Porto. (Porto, Portugal)
- Publ. Dép. Math. (Lyon).* Publications du Département de Mathématiques. Faculté des Sciences de Lyon. (Lyon)
- Publ. Dept. Math. (Ljubljana).* University of Ljubljana. Institute of Mathematics, Physics and Mechanics. Publications of the Department of Mathematics. (Ljubljana)
- Publ. Inst. Math. (Beograd).* Institut Mathématique. Publications de l'Institut Mathématique. Nouvelle Série. (Belgrade)
- Publ. Inst. Statist. Univ. Paris.* Publications de l'Institut de Statistique de l'Université de Paris. (Paris)
- Publ. Math. Debrecen.* Publicationes Mathematicae. (Debrecen)
- Publ. Res. Inst. Math. Sci. Ser. A.* Publications of the Research Institute for Mathematical Sciences. Series A. (Kyoto)
- Publ. Sémin. Géom. Univ. Neuchâtel.* Publications du Séminaire de Géométrie de l'Université de Neuchâtel. (Neuchâtel)
- Quart. Appl. Math.* Quarterly of Applied Mathematics. (Providence, R.I.)
- Quart. J. Math. Oxford Ser.* The Quarterly Journal of Mathematics, Oxford Second Series. (Oxford)
- Quart. J. Mech. Appl. Math.* The Quarterly Journal of Mechanics and Applied Mathematics. (Oxford)
- Quart. Rev. Sci. Publ.* Polish Academy of Sciences. Distribution Centre for Scientific Publications. Quarterly Review of Scientific Publications. (Warsaw)
- RAAG Res. Notes.* RAAG Research Notes. (Tokyo)
- Rad Jugoslav. Akad. Znan. Umjet.* Rad Jugoslavenake Akademije Znanosti i Umjetnosti. (Zagreb)
- Radio Engrg. Electron. Phys.* Radio Engineering and Electronic Physics. (Translation of *Radiotekhnika i Elektronika*, a U.S.S.R. Academy of Sciences Publication). (New York) (Translation of *Radiotekhn. i Elektron.*)
- Radio Sci.* Radio Science. (Washington, D.C.)
- Radiotekhn. (Har'kov).* Har'kovskii Ordena Trudovogo Krasnogo Znameni Gosudarstvennyi Universitet imeni A. M. Gor'kogo. Radiotekhnika. (Kharkov)
- Radiotekhn. i Elektron.* Akademija Nauk SSSR. Radiotekhnika i Elektronika. (Moscow) (Translated as: *Radio Engrg. Electron. Phys.*)
- Ratio.* Ratio. (Oxford)
- Rend. Accad. Sci. Fis. Mat. Napoli.* Società Nazionale di Napoli. Rendiconto dell'Accademia delle Scienze Fisiche e Matematiche. (Naples)
- Rend. Circ. Mat. Palermo.* Rendiconti del Circolo Matematico di Palermo. (Palermo)
- Rend. Mat. e Appl.* Università di Roma. Istituto Nazionale di Alta Matematica. Rendiconti di Matematica e delle sue Applicazioni. (Rome)
- Rend. Sem. Fac. Sci. Univ. Cagliari.* Rendiconti del Seminario della Facoltà di Scienze della Università di Cagliari. (Cagliari)
- Rend. Sem. Mat. Fis. Milano.* Rendiconti del Seminario Matematico e Fisico di Milano. (Milan)
- Rend. Sem. Mat. Univ. Padova.* Rendiconti del Seminario Matematico dell'Università di Padova. (Padua)
- Rep. Fac. Sci. Shizuoka Univ.* Shizuoka University. Faculty of Science. Reports of the Faculty of Science. Shizuoka University. (Shizuoka)
- Rep. Inst. Sci. Tech. Univ. Tokyo.* The Reports of the Institute of Science and Technology, University of Tokyo. (Tokyo)
- Rep. Res. Inst. Appl. Mech. Kyushu Univ.* Reports of Research Institute for Applied Mechanics. Kyushu University. (Fukuoka)
- Rep. Res. Inst. Strength and Fracture of Materials. Tohoku Univ.* Reports of the Research Institute for Strength and Fracture of Materials. Tohoku University. (Sendai)
- Rep. Statist. Appl. Res. Un. Japan. Sci. Engrs.* Reports of Statistical Application Research, Union of Japanese Scientists and Engineers. (Tokyo)
- Repúb. Venezuela Bol. Acad. Ci. Fis. Mat. Natur.* República de Venezuela. Boletín de la Academia de Ciencias Físicas, Matemáticas y Naturales. (Caracas)
- Res. Bull. Panjab Univ.* Research Bulletin of the Panjab University. (Hoshiarpur)
- Res. Bull. Regional Engrg. College Warangal.* Research Bulletin. Regional Engineering College. Warangal. (Andhra Pradesh)
- Res. Rep. Anan Tech. College.* Research Reports of the Anan Technical College. (Anan)
- Res. Rep. Nagaoka Tech. College.* Research Reports of the Nagaoka Technical College. (Nagaoka)
- Rev. Acad. Ci. Madrid.* Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales de Madrid. (Madrid)
- Rev. Acad. Ci. Zaragoza.* Revista de la Academia de Ciencias Exactas, Físico-Químicas y Naturales de Zaragoza. (Zaragoza)
- Rev. Acad. Colombiana Ci. Exact. Fis. Natur.* Revista de la Academia Colombiana de Ciencias Exactas, Físicas y Naturales. (Bogotá)
- Rev. CETHEDEC.* Revue du Centre d'Études Théoriques de la Détection et des Communications. (Paris)
- Rev. Ci. (Lima).* Revista de Ciencias. (Lima)
- Rev. Fac. Ci. Univ. Coimbra.* Revista de Faculdade de Ciências da Universidade de Coimbra. (Coimbra)
- Rev. Française Informat. Recherche Opérationnelle.* Association Française d'Informatique et de Recherche Opérationnelle. Revue Française d'Informatique et de Recherche Opérationnelle. (Paris)
- Rev. Française Traitement Information Chiffres.* Revue Française de Traitement de l'Information. Chiffres. (Paris)
- Rev. Inst. Internat. Statist.* Revue de l'Institut International de Statistique. Review of the International Statistical Institute. (The Hague)
- Rev. Mat. Elem.* Revista de Matemáticas Elementales. (Bogotá)
- Rev. Mat. Hisp.-Amer.* Revista Matemática Hispano-Americana. (Madrid)
- Rev. Mexicana Fis.* Revista Mexicana de Física. (Mexico City)
- Rev. Modern Phys.* Reviews of Modern Physics. (New York)
- Rev. Roumaine Math. Pures Appl.* Académie de la République Populaire Roumaine. Revue Roumaine de Mathématiques Pures et Appliquées. (Bucharest)
- Rev. Roumaine Sci. Tech. Sér. Méc. Appl.* Revue Roumaine des Sciences Techniques. Série de Mécanique Appliquée. (Bucharest)
- Rev. Un. Mat. Argentina.* Revista de la Unión Matemática Argentina. (Buenos Aires)
- Rice Univ. Studies.* Rice University Studies. (Houston, Tex.)
- Ricerca (Napoli).* La Ricerca. Rivista di Matematiche Pure ed Applicate. (Naples)
- Ricerche Mat.* Ricerche di Matematica. (Naples)
- Rīgas Politehn. Inst. Zinātn. Rakstī.* Rīgas Politehniskais Institūts. Rīžakii Politehnicheskii Institut. Učeny Zapiski. Rīgas Politehniskais Institūts Zinātniskie Raksti. (Riga)
- Riv. Mat. Univ. Parma.* Rivista di Matematica della Università di Parma. (Parma)
- Rjazzansk. Gos. Ped. Inst. Učen. Zap.* Rjazzanskii Gosudarstvennyi Pedagogičeskii Institut. Učeny Zapiski. (Ryazan)

ABBREVIATIONS OF NAMES OF JOURNALS

- Rostov-na-Donu Gos. Ped. Inst. Fiz.-Mat. Fak. Učen. Zap.* Rostovskii-na-Donu Gosudarstvennyi Pedagogičeskii Institut. Fiziko-Matematičeskii Fakul'tet. Učenyje Zapiski. (Rostov-on-Don)
- Rozprawy Československé Akad. Věd.* Rozprawy Československé Akademie Věd. (Prague) See *Rozprawy Československé Akad. Věd. Řada Mat. Přírod. Věd.*
- Rozprawy Československé Akad. Věd. Řada Mat. Přírod. Věd.* Rozprawy Československé Akademie Věd. Řada Matematických a Přírodních Věd. (Prague) (Formerly listed as: *Rozprawy Československé Akad. Věd.*)
- Rozprawy Inst. Polska Akademii Nauk. Instytut Podstawowych Problemów Techniki. Rozprawy Inżynierskie.* (Warsaw)
- Russian Math. Surveys.* Russian Mathematical Surveys. (A translation of the survey articles and of selected biographical articles in *Uspehi Matematičeskikh Nauk*). (London) (Translation of *Uspehi Mat. Nauk*)
- RŽAvtomat. Telemek. i Vychisl. Tehn.* Akademiya Nauk SSSR. Institut Naučnoj Informacii. Referativnyi Zhurnal. Avtomatika, Telemekhanika i Vychislitel'naya Tekhnika. (Moscow)
- RŽFiz.* Akademiya Nauk SSSR. Institut Naučnoj Informacii. Referativnyi Zhurnal. Fizika. (Moscow)
- RŽKibernet.* Akademiya Nauk SSSR. Institut Naučnoj Informacii. Referativnyi Zhurnal. Kibernetika. (Moscow)
- RŽMat.* Akademiya Nauk SSSR. Institut Naučnoj Informacii. Referativnyi Zhurnal. Matematika. (Moscow)
- RŽMek.* Akademiya Nauk SSSR. Institut Naučnoj Informacii. Referativnyi Zhurnal. Mekhanika. (Moscow)
- Sakharth. SSR Mecn. Akad. Gamotvli. Centr. Šrom.* Sakharthvelos SSR Mecnierebatha Akademii Gamotvli Centris Šromebi. (Tbilisi) (Formerly listed as: *Trudy Vychisl. Centra Akad. Nauk Gruzin. SSR*)
- Sakharth. SSR Mecn. Akad. Math. Inst. Šrom.* Sakharthvelos SSR Mecnierebatha Akademii A. Razmadzis Sahelobis Tbilisis Matematikis Institutis. Šromebi. (Tbilisi) (Formerly listed as: *Akad. Nauk Gruzin. SSR Trudy Tbiliss. Mat. Inst. Razmadze*)
- Sakharth. SSR Mecn. Akad. Moambe.* Sakharthvelos SSR Mecnierebatha Akademii Moambe. (Tbilisi) (Formerly listed as: *Soobšč. Akad. Nauk Gruzin. SSR*)
- Sankhyā Ser. A.* Sankhyā (Statistics). The Indian Journal of Statistics. Series A. (Calcutta)
- Sankhyā Ser. B.* Sankhyā (Statistics). The Indian Journal of Statistics. Series B. (Calcutta)
- S.-B. Berlin. Math. Ges.* Sitzungsberichte der Berliner Mathematischen Gesellschaft. (Berlin)
- S.-B. Heidelberger Akad. Wiss. Math.-Natur. Kl.* Sitzungsberichte der Heidelberger Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. (Heidelberg)
- S.-B. Sächs. Akad. Wiss. Leipzig Math.-Natur. Kl.* Sitzungsberichte der Sächsischen Akademie der Wissenschaften zu Leipzig. Mathematisch-naturwissenschaftliche Klasse. (Berlin)
- Sb. Prací Ped. Fak. v Ostravě Ser. A 1.* Sborník Prací Pedagogické Faculty v Ostravě. Seria A 1. (Ostrava)
- Sb. Voj. Akad. (Brno).* Sborník Vojenské Akademie Antonína Zápotockého. (Brno)
- Sb. Vysoké. Učení Tech. Brno.* Sborník Vysokého Učení Technického v Brně. (Brno)
- Schr. Math. Inst. Univ. Münster.* Schriftenreihe des Mathematischen Instituts der Universität Münster. (Münster)
- Sci. Abstracts China Sect. Math. Phys. Sci.* Institute of Scientific and Technical Information of China. Science Abstracts of China. Mathematical and Physical Sciences. (Peking)
- Sci. Information Notes.* Scientific Information Notes. (Washington, D.C.)
- Sci. Papers College Gen. Ed. Univ. Tokyo.* Scientific Papers of the College of General Education. University of Tokyo. (Tokyo)
- Sci. Rep. Fac. Ed. Gifu Univ. Natur. Sci.* Science Reports of the Faculty of Education. Gifu University. (Natural Science). (Gifu) (Formerly: *Sci. Rep. Fac. Lib. Arts. Ed. Gifu Univ. Natur. Sci.*)
- Sci. Rep. Fac. Lib. Arts. Ed. Gifu Univ. Natur. Sci.* Science Report of the Faculty of Liberal Arts and Education, Gifu University. (Natural Science). (Gifu) (Continued as: *Sci. Rep. Fac. Ed. Gifu Univ. Natur. Sci.*)
- Sci. Rep. Hiroaki Univ.* Science Reports of the Hiroaki University. (Hiroaki)
- Sci. Rep. Kagoshima Univ.* Science Reports of the Kagoshima University. (Kagoshima)
- Sci. Rep. Kanazawa Univ.* The Science Reports of the Kanazawa University. (Kanazawa)
- Sci. Rep. Niigata Univ. Ser. A.* Science Reports of Niigata University. Series A (Mathematics). (Niigata)
- Sci. Rep. Res. Inst. Theoret. Phys. Hiroshima Univ.* Scientific Reports of the Research Institute for Theoretical Physics, Hiroshima University. (Hiroshima)
- Sci. Rep. Saitama Univ. Ser. A.* The Science Reports of the Saitama University. Series A. Mathematics, Physics and Chemistry. (Urawa)
- Sci. Rep. Tokyo Kyoiku Daigaku Sect. A.* Science Reports of the Tokyo Kyoiku Daigaku (Tokyo University of Education). Section A. (Tokyo)
- Sci. Rep. Yokohama Nat. Univ. Sect. I.* Science Reports of the Yokohama National University. Section I. Mathematics, Physics. (Yokohama)
- Sci. Sinica.* Scientia Sinica. (Peking)
- Scientia (Valparaiso).* Universidad Técnica Federico Santa María. Scientia. (Valparaiso)
- Scripta Math.* Scripta Mathematica. A Quarterly Journal Devoted to the Philosophy, History, and Expository Treatment of Mathematics. (New York)
- Shengzue Xuebao.* See *Acta Acust. Sinica.*
- Shuxue Jinzhan.* Chinese Mathematical Society. Academia Sinica. Shuxue Jinzhan (Progress in Mathematics). (Peking)
- SIAM J. Appl. Math.* SIAM Journal on Applied Mathematics. (Philadelphia, Pa.)
- SIAM J. Control.* SIAM Journal on Control. (Philadelphia, Pa.)
- SIAM J. Numer. Anal.* SIAM Journal on Numerical Analysis. (Philadelphia, Pa.)
- SIAM Rev.* SIAM Review. A Publication of the Society for Industrial and Applied Mathematics. (Philadelphia, Pa.)
- Siberian Math. J.* Siberian Mathematical Journal. (New York) (Translation of *Sibirsk. Mat. Ž.*)
- Sibirsk. Mat. Ž.* Akademiya Nauk SSSR. Sibirskoe Otdelenie. Sibirskii Matematicheskii Zhurnal. (Moscow) (Translated as *Siberian Math. J.*)
- Simon Stevin.* Simon Stevin. Wis- en Natuurkundig Tijdschrift. (Groningen-Djakarta)
- Skand. Aktuarietidskr.* Skandinavisk Aktuarietidskrift. (Uppsala)
- Skr. Norske Vid.-Akad. Oslo I.* Skrifter Utgitt av det Norske Videnskaps-Akademi i Oslo. I. Mat.-Naturv. Klasse. (Oslo)
- Soc. Actuar. Trans.* Society of Actuaries. Transactions. (Chicago, Ill.)
- Soc. Parana. Mat. Anuário.* Anuário da Sociedade Paranaense de Matemática. (Curitiba)
- Soc. Sci. Fenn. Comment. Phys.-Math.* Societas Scientiarum Fennica. Commentationes Physico-Mathematicae. (Helsinki)
- Soobšč. Akad. Nauk Gruzin. SSR.* Soobščeniya Akademii Nauk Gruzinskoi SSR. (Tbilisi) See *Sakharth. SSR Mecn. Akad. Moambe.*
- Soviet Appl. Mech.* Soviet Applied Mechanics. (New York) (Translation of *Prikladna. Mek.*)

ABBREVIATIONS OF NAMES OF JOURNALS

- Soviet Astronom. AJ.* Soviet Astronomy. AJ. (A translation of *Astronomičeskij Žurnal* of the Academy of Sciences of the USSR). (New York) (Translation of *Astronom. Ž.*)
- Soviet J. Nuclear Phys.* American Institute of Physics. Soviet Journal of Nuclear Physics. (New York) (Translation of *Jadernaja Fiz.*)
- Soviet Math. Dokl.* Soviet Mathematics. Doklady. (A translation of the mathematics section of *Doklady Akademii Nauk SSSR*). (Providence, R.I.) (Translation of mathematics section of *Dokl. Akad. Nauk SSSR*)
- Soviet Physics Acoust.* Soviet Physics. Acoustics. (A translation of *Akustičeskij Žurnal* of the Academy of Sciences of the USSR). (New York) (Translation of *Akust. Ž.*)
- Soviet Physics Cryst.* Soviet Physics. Crystallography. (A translation of the journal *Kristallografija* of the Academy of Sciences of the USSR). (New York) (Translation of *Kristallografija*)
- Soviet Physics Dokl.* Soviet Physics. Doklady. (A translation of the physics sections of *Doklady Akademii Nauk SSSR*). (New York) (Translation of physics sections of *Dokl. Akad. Nauk SSSR*)
- Soviet Physics JETP.* Soviet Physics. JETP. (A translation of *Ž. Ėksperimental'noi i Teoreticheskoj Fiziki* of the USSR). (New York) (Translation of *Ž. Ėksp. Teoret. Fiz.*)
- Soviet Physics Solid State.* Soviet Physics. Solid State. (A translation of the journal *Fizika Tverdogo Tela* of the Academy of Sciences of the USSR). (New York) (Translation of *Fiz. Tverd. Tela*)
- Soviet Physics Tech. Phys.* Soviet Physics. Technical Physics. (A translation of *Žurnal Tehničeskoj Fiziki* of the Academy of Sciences of the USSR). (New York) (Translation of *Ž. Tehn. Fiz.*)
- Soviet Physics Uspekhi.* Soviet Physics. Uspekhi. (A translation of *Uspehi Fizičeskikh Nauk* (Advances in the Physical Sciences) of the Academy of Sciences, U.S.S.R.). (New York) (Translation of *Uspehi Fiz. Nauk*)
- Soviet Radio Engng.* Soviet Radio Engineering. (A translation of *Izvestiya VUZ Radiotekhnika* of the Higher Educational Institute of the USSR). (New York) (Translation of *Izv. Vysš. Učebn. Zaved. Radioelektron.*)
- Soviet Radiophys.* Soviet Radiophysics. (A translation of the *Izvestija Vysših Učebnyh Žavedenij Radiofizika* of the Ministry of Higher Education of the USSR). (New York) (Translation of *Izv. Vysš. Učebn. Zaved. Radiofizika*)
- Spisy Ped. Fak. v Ostravě.* Spisy Pedagogické Fakulty v Ostravě. (Ostrava)
- Spisy Přírod. Fak. Univ. Brno.* Spisy Přírodovědecké Fakulty University v Brně. Trudy Estestvenno-Istorického Fakul'teta Universiteta v g. Brno. Publications de la Faculté des Sciences de l'Université à Brno. (Brno)
- Statist. Theory Method Abstracts.* Statistical Theory and Method Abstracts. (London)
- Statistica (Bologna).* Statistica. (Bologna)
- Statistica Neerlandica.* Statistica Neerlandica. Orgaan van de Vereniging voor Statistiek. (The Hague)
- Stroje na Zpracování Informací.* Československá Akademie Věd. Výzkumný Ústav Matematických Strojů. Research Institute of Mathematical Machines. Isledovatel'skij Institut Matematičeskikh Mašin. Stroje na Zpracování Informací. (Prague)
- Stud. Cerc. Fiz.* Studii și Cercetări de Fizică. (Bucharest)
- Stud. Cerc. Mat.* Studii și Cercetări Matematice. (Bucharest)
- Stud. Cerc. Mec. Apl.* Studii și Cercetări de Mecanică Aplicată. (Bucharest)
- Studia Logica.* Polska Akademia Nauk. Komitet Filozoficzny. Studia Logica. (Warsaw)
- Studia Math.* Polska Akademia Nauk. Studia Mathematica. (Warsaw)
- Studia Rev. Univ. del Atlántico.* Universidad del Atlántico. Studia Revista de la Universidad del Atlántico. (Barranquilla)
- Studia Sci. Math. Hungar.* Consilium Institutii Mathematici Academiae Scientiarum Hungaricae. Studia Scientiarum Mathematicarum Hungarica. (Budapest)
- Studia Univ. Babeş-Bolyai Ser. Math.-Phys.* Studia Universitatis Babeş-Bolyai. Series Mathematica-Physica. (Cluj)
- Sūgaku.* Mathematical Society of Japan. Sūgaku (Mathematics). (Tokyo)
- Su-hak kwa Mul-li.* Academy of Science of the People's Democratic Republic of Korea. Research Center for Physics and Mathematics. Su-hak kwa Mul-li (Mathematics and Physics). (Pyongyang)
- Summa Brasil. Math.* Summa Brasiliensis Mathematicae. (Rio de Janeiro)
- Sverdlovsk. Gos. Ped. Inst. Učen. Zap.* Sverdlovskij Gosudarstvennyj Pedagogičeskij Institut. Učenyje Zapiski. (Sverdlovsk)
- Tadžik. Gos. Univ. Učen. Zap.* Tadžikskij Gosudarstvennyj Universitet im. V. I. Lenina. Učenyje Zapiski. Trudy Fiziko-Matematičeskogo Fakul'teta. Serija Matematičeskaja. (Dushanbe)
- Tartu Riikl. Ül. Toimetised.* Tartu Riikliku Ülikooli Toimetised. Učenyje Zapiski Tartuakogo Gosudarstvennogo Universiteta. Matematika-Loodusteaduskonna Töid. Trudy Estestvenno-Matematičeskogo Fakul'teta. (Tartu)
- Taşkent. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosveščeniya Uzbekskoi SSR. Taškentskij Gosudarstvennyj Pedagogičeskij Institut im. Nizami. Učenyje Zapiski. (Taškent)
- Taşkent. Gos. Univ. Naučn. Trudy.* Taškentskij Gosudarstvennyj Universitet. Naučnye Trudy. (Taškent)
- Taşkent. Politehn. Inst. Naučn. Trudy.* Ministerstvo Vysšego i Srednego Special'nogo Obrazovaniya. Taškentskij Politehničeskij Institut. Naučnye Trudy. Novaja Serija. (Taškent)
- Taşkent. Tekstil. Inst. Kaf. Vysš. Mat. Sb. Naučn.-Issled. Rabot Ser. Mat.* Taškentskij Tekstil'nyj Institut. Kafedra Vysšej Matematiki. Sbornik Naučno-Issledovatel'skikh Rabot. Serija Matematiki. (Taškent)
- Tbiliss. Gos. Univ. Trudy Ser. Fiz. Nauk.* Tbilisskij Gosudarstvennyj Universitet. Trudy. Serija Fizičeskikh Nauk. (Tbilisi) See *Tbilis. Saĭelmę. Univ. Šrom. Fiz. Mecn. Ser.*
- Tbiliss. Gos. Univ. Trudy Ser. Meh.-Mat. Nauk.* Tbilisskij Gosudarstvennyj Universitet. Trudy. Serija Mehaniko-Matematičeskikh Nauk. (Tbilisi) See *Tbilis. Saĭelmę. Univ. Šrom. Mekh.-Math. Mecn. Ser.*
- Tech. Mitt. Krupp.* Technische Mitteilungen Krupp. (Essen)
- Tech. Rep. Osaka Univ.* Technology Reports of the Osaka University. (Osaka)
- Tech. Transl.* Technical Translations. (Washington, D.C.)
- Technometrics.* Technometrics. A Journal of Statistics for the Physical, Chemical and Engineering Sciences. (Princeton, N.J.)
- Tellus.* Svenska Geofysiska Föreningen. Tellus. A Quarterly Journal of Geophysics. (Uppsala)
- Tensor.* Tensor. New Series. The Tensor Society. (Tokyo)
- Teor. Funkcij Funkcional. Anal. i Priložen.* Har'kovskij Ordena Trudovogo Krasnogo Znamenija Gosudarstvennyj Universitet imeni A. M. Gor'kogo. Teorija Funkcij, Funkcional'nyj Analiz i ih Priloženija. (Kharkov)
- Teor. Verojatnost. i Primenen.* Akademiya Nauk SSSR. Teorija Verojatnostei i ee Primenenija. (Moscow) (Translated as: *Theor. Probability Appl.*)
- Teoret. Elektroehn.* L'vovskij Gosudarstvennyj Universitet. Teoretičeskaja Elektrotehnika. (Lvov)
- Teoret. Prikl. Mat.* MVSSO URSR L'vivskij Ordena Lenina Deržavnij Universitet im. Iv. Franka. Teoretična i Prikladna Matematika. (Lvov)
- Thalès.* Thalès. Recueil Annuel des Travaux de l'Institut d'Histoire des Sciences et des Techniques de l'Université de Paris. (Paris)
- Tbilis. Saĭelmę. Univ. Šrom. Mekh.-Math. Mecn. Ser.* Tbilissia Saĭelmępho Universiteti. Šromebi. Mekhanika-Matematikis Mecnierebatha Seria. (Tbilisi) (Formerly listed as: *Tbilis. Gos. Univ. Trudy Ser. Meh.-Mat. Nauk*)
- Tbilis. Saĭelmę. Univ. Šrom. Fiz. Mecn. Ser.* Tbilissia Saĭelmępho Universiteti. Šromebi. Fizikis Mecnierebatha Seria. (Tbilisi) (Formerly listed as: *Tbilis. Gos. Univ. Trudy Ser. Fiz. Nauk*)

ABBREVIATIONS OF NAMES OF JOURNALS

- Theor. Probability Appl.* Theory of Probability and its Applications. (An English translation of the Soviet journal *Teoriya Veroyatnostei i ee Primeneniya*). (Philadelphia, Pa.) (Translation of *Teor. Veroyatnost. i Primenen.*)
- Tiraspol. Gos. Ped. Inst. Uchen. Zap.* Tiraspol'skii Gosudarstvennyi Pedagogicheskii Institut im. T. G. Shevchenko. Uchenye Zapiski. (Kishinev)
- Tjumen. Gos. Ped. Inst. Uchen. Zap.* Ministerstvo Prosvetsheniya RSFSR. Tjumenskii Gosudarstvennyi Pedagogicheskii Institut. Uchenye Zapiski. (Tyumen)
- Tôhoku Math. J.* The Tôhoku Mathematical Journal. (Sendai)
- Tomsk. Gos. Univ. Uchen. Zap.* Tomskii Gosudarstvennyi Universitet im. V. V. Kuibysheva. Uchenye Zapiski. (Tomsk)
- Topology.* Topology. An International Journal of Mathematics. (Oxford)
- Trabajos Estadist.* Trabajos de Estadística. (Madrid)
- Trans. Amer. Math. Soc.* Transactions of the American Mathematical Society. (Providence, R.I.)
- Trans. ASME Ser. E. J. Appl. Mech.* Transactions of the ASME. Series E. Journal of Applied Mechanics. (New York)
- Trans. Moscow Math. Soc.* Transactions of the Moscow Mathematical Society. (Providence, R.I.) (Translation of *Trudy Moskov. Mat. Obšč.*)
- Trans. New York Acad. Sci.* Transactions of the New York Academy of Sciences. (New York)
- Trans. Roy. Soc. South Africa.* Transactions of the Royal Society of South Africa. (Cape Town)
- Transportation Sci.* Operations Research Society of America. Transportation Science Section, Transportation Science. (Baltimore, Md.)
- TRU Math.* TRU Mathematics. (Tokyo)
- Trudy Fiz. Inst. Lebedev.* Akademija Nauk SSSR. Trudy Fizicheskogo Instituta im. P. N. Lebedeva. (Moscow)
- Trudy Geometr. Sem.* Akademija Nauk SSSR. Institut Naučnoi Informacii. VINITI. Trudy Geometričeskogo Seminara. (Moscow)
- Trudy Inst. Istor. Estestvozn. Tehn.* Akademija Nauk SSSR. Trudy Instituta Istorii Estestvoznaniya i Tshniki. (Moscow)
- Trudy Kazan. Aviacion. Inst.* Trudy Kazanskogo Aviacionnogo Instituta. Matematika i Mekhanika. (Kazan)
- Trudy Leningrad. Tehn. Inst. Trudy Kafedr Meh. Fak.* Ministerstvo Vysshego Obrazovaniya SSSR. Trudy Leningradskogo Tekhnologicheskogo Instituta imeni Lensoвета. Trudy Kafedr Mekhanicheskogo Fakul'teta. (Leningrad)
- Trudy Mat. Inst. Steklov.* Akademija Nauk Sojuza Sovetskikh Sotsialisticheskikh Respublik. Trudy Matematicheskogo Instituta im. V. A. Steklova. (Moscow-Leningrad) (Translated as: *Proc. Steklov Inst. Math.*)
- Trudy Moskov. Mat. Obšč.* Trudy Moskovskogo Matematicheskogo Obščestva. (Moscow) (Translated as: *Trans. Moscow Math. Soc.*)
- Trudy Moskov. Orden. Lenin. Énerget. Inst.* Ministerstvo Vysshego i Srednego Special'nogo Obrazovaniya RSFSR. Trudy Moskovskogo Ordena Lenina Énergeticheskogo Instituta. (Moscow)
- Trudy Naučn. Ob'ed. Prepodav. Fiz.-Mat. Fak. Ped. Inst. Dal'n. Vostok.* Ministerstvo Prosvetsheniya RSFSR. Khabarovskii Gosudarstvennyi Pedagogicheskii Institut. Trudy Naučnogo Ob'edineniya Prepodavatelei Fiziko-matematicheskikh Fakul'tetov Pedagogicheskikh Institutov Dal'nego Vostoka. (Khabarovsk)
- Trudy Samarkand. Gos. Univ. Mat.* Ministerstvo Vysshego i Srednego Special'nogo Obrazovaniya UzSSR. Trudy Samarkandakogo Gosudarstvennogo Universiteta im. A. Navoi. Matematika. (Samarkand)
- Trudy Sem. Obratn. Kraev. Zadacham.* Trudy Seminara po Obratnym Kraevym Zadacham. (Kazan)
- Trudy Sem. Teor. Differencial. Uravnenii s Otklon. Argumentom Univ. Družby Narodov Patria Lumumby.* Trudy Seminara po Teorii Differencial'nykh Uravnenii s Otklonjajushchimsya Argumentom. Universitet Družby Narodov imeni Patria Lumumby. (Moscow)
- Trudy Sem. Vektor. Tenzor. Anal.* Trudy Seminara po Vektornomu i Tenzornomu Analizu s ih Priloženijami k Geometrii, Mekhanike i Fizike. (Moscow)
- Trudy Sibirsk. Fiz.-Tehn. Inst.* Trudy Sibirskogo Fiziko-Tekhnicheskogo Instituta imeni Akademika V. D. Kuznecova. (Tomsk)
- Trudy Tashkent. Gos. Univ.* Trudy Tashkentakogo Gosudarstvennogo Universiteta im. V. I. Lenina. Matematika. (Tashkent) See *Tashkent. Gos. Univ. Naučn. Trudy.*
- Trudy Tomsk. Gos. Univ. Ser. Meh.-Mat.* Trudy Tomakogo Gosudarstvennogo Universiteta im. V. V. Kuibysheva. Seriya Mekhaniko-Matematicheskaja. (Tomsk)
- Trudy Univ. Družby Narod.* Trudy Universiteta Družby Narodov imeni Patria Lumumby. (Moscow)
- Trudy Vyčisl. Centra Akad. Nauk Armjan. SSR i Erevan. Gos. Univ.* Trudy Vyčislitel'nogo Centra Akademii Nauk Armjanskoi SSR i Erevanskogo Gosudarstvennogo Universiteta. (Erevan)
- Trudy Vyčisl. Centra Akad. Nauk Gruzin. SSR. Akademija Nauk Gruzinskoi SSR.* Trudy Vyčislitel'nogo Centra. (Tbilisi) See *Sakharth. SSR Mecn. Akad. Gamotsh. Centr. Šrom.*
- Trudy Vyčisl. Centra Tartu. Gos. Univ.* Trudy Vyčislitel'nogo Centra. Tartuskii Gosudarstvennyi Universitet. (Tartu)
- Turkmen. Gos. Univ. Uchen. Zap.* Ministerstvo Narodnogo Obrazovaniya TSSR. Turkmeniskii Gosudarstvennyi Universitet imeni A. M. Gor'kogo. Uchenye Zapiski. (Ashkhabad)
- U.S.S.R. Comput. Math. and Math. Phys.* U.S.S.R. Computational Mathematics and Mathematical Physics. (Oxford) (Translation of *Ž. Vyčisl. Mat. i Mat. Fiz.*)
- Učen. Zap. Borisoglebsk. Gos. Ped. Inst.* Ministerstvo Prosvetsheniya RSFSR. Uchenye Zapiski. Borisoglebskogo Gosudarstvennogo Pedagogicheskogo Instituta. (Borisoglebsk)
- Učen. Zap. Karel. Ped. Inst. Ser. Fiz.-Mat. Nauk.* Ministerstvo Prosvetsheniya RSFSR. Karel'skii Pedagogicheskii Institut. Uchenye Zapiski. Seriya Fiziko-Matematicheskikh Nauk. (Petrozavodsk)
- Ukrain. Fiz. Ž.* Akademija Nauk Ukrain'skoi SSR. Viddil Fiziki. Ukrain'skii Fizičnii Žurnal. (Russian and Ukrainian editions) (Kiev)
- Ukrain. Geometr. Sb.* Ministerstvo Vysshego i Srednego Special'nogo Obrazovaniya USSR. Ukrainiskii Geometričeskii Sbornik. (Khar'kov)
- Ukrain. Mat. Ž.* Akademija Nauk Ukrain'skoi SSR. Institut Matematiki. Ukrainiskii Matematicheskii Žurnal. (Kiev)
- Ul'janovsk. Gos. Ped. Inst. Učen. Zap.* Ul'janovskii Gosudarstvennyi Pedagogicheskii Institut imeni I. N. Ul'janova. Učennye Zapiski. (Saratov)
- Univ. Beograd. Publ. Elektrotehn. Fak. Ser. Mat. Fiz.* Univerzitet u Beogradu. Publikacije Elektrotehničkog Fakulteta. Seriya Matematika i Fizika. (Belgrade)
- Univ. Buenos Aires Contrib. Ci. Ser. Fis.* Universidad de Buenos Aires. Facultad de Ciencias Exactas, Fisicas y Naturales. Contribuciones Científicas. Serie Física. (Buenos Aires)
- Univ. Buenos Aires Contrib. Ci. Ser. Mat.* Universidad de Buenos Aires. Facultad de Ciencias Exactas y Naturales. Contribuciones Científicas. Serie Matemática. (Buenos Aires)
- Univ. Central Venezuela Bol. Fac. Ing.* Universidad Central de Venezuela. Boletín de la Facultad de Ingeniería. (Caracas)
- Univ. e Politec. Torino Rend. Sem. Mat.* Università e Politecnico di Torino. Rendiconti del Seminario Matematico (già "Conferenze di Fisica e di Matematica"). (Torino)
- Univ. Genova Pubbl. Ist. Mat.* Università di Genova Pubblicazioni dell'Istituto di Matematica. (Genova)
- Univ. Lisboa Revista Fac. Ci. A.* Universidade de Lisboa. Revista da Faculdade de Ciências. 2.ª Série. A. Ciências Matemáticas. (Lisbon)
- Univ. Madrid Publ. Sec. Mat. Fac. Ci.* Universidad de Madrid. Publicaciones de la Sección de Matemática de la Facultad de Ciencias. (Madrid)
- Univ. Nac. Ingen. Inst. Mat. Puras Apl. Notas Mat.* Universidad Nacional de Ingeniería. Instituto de Matemáticas Puras y Aplicadas. Notas de Matemáticas. (Lima)

ABBREVIATIONS OF NAMES OF JOURNALS

- Univ. Nac. La Plata Publ. Fac. Ci. Fisicomat. Serie Segunda Rev. (or Contrib.)* Universidad Nacional de La Plata. Publicaciones de la Facultad de Ciencias Fisicomatemáticas. Serie Segunda. Revista (or Contribuciones). (La Plata)
- Univ. Nac. La Plata Publ. Fac. Ci. Fisicomat. Serie Tercera Publ. Esp.* Universidad Nacional de La Plata. Publicaciones de la Facultad de Ciencias Fisicomatemáticas. Serie Tercera. Publicaciones Especiales. (La Plata)
- Univ. Nac. Tucumán Rev. Ser. A.* Universidad Nacional de Tucumán. Facultad de Ciencias Exactas y Tecnología. Revista. Serie A. Matemáticas y Física Teórica. (Tucumán)
- Univ. Repúb. Fac. Ingen. Agrimens. Montevideo Publ. Inst. Mat. Estadist.* Universidad de la República. Facultad de Ingeniería y Agrimensura. Montevideo-Uruguay. Publicaciones del Instituto de Matemática y Estadística. (Montevideo)
- Univ. Roorkee Res. J.* University of Roorkee. Research Journal. (Roorkee)
- Univ. Adama Mickiewicza w Poznan. Prace Wydz. Mat. Fiz. Chem. Ser. Mat.* Uniwersytet im. Adama Mickiewicza w Poznaniu. Prace Wydziału Matematyki, Fizyki i Chemii. Seria Matematyka. (Poznań)
- Unternehmensforschung.* Unternehmensforschung. Operations Research—Recherche Opérationnelle. (Würzburg)
- Ural. Gos. Univ. Mat. Zap.* Ministerstvo Vysšego i Srednego Special'nogo Obrazovaniya RSFSR. Ural'skii Gosudarstvennyi Universitet im. A. M. Gor'kogo. Ural'skoe Matematicheskoe Obščestvo. Matematicheskie Zapiski. (Sverdlovsk)
- Ural. Politehn. Inst. Sb.* Ministerstvo Prosvetšeniya RSFSR. Ural'skii Politehničeskii Institut im. S. M. Kirova. Sbornik. (Sverdlovsk)
- Uspehi Fiz. Nauk.* Akademiya Nauk SSSR. Uspehi Fizičeskikh Nauk. (Moscow-Leningrad) (Translated as: *Soviet Physics Uspekhi*)
- Uspehi Mat. Nauk.* Akademiya Nauk SSSR i Moskovskoe Matematicheskoe Obščestvo. Uspehi Matematicheskikh Nauk. (Moscow-Leningrad) (Selected articles translated as: *Russian Math. Surveys*)
- Užgorod. Gos. Univ. Naučn. Zap.* MVO USSR. Užgorodskii Gosudarstvennyi Universitet. Naučnye Zapiski. (Lvov)
- V. I. Lenin. Sakharth. Politekh. Inst. Šrom.* V. I. Leninis Sašelobis Šromis Čitheli Drošia Ordenosani Sakharthvelos Politehnikuri Institut. Šromebi. (Tbilisi) (Formerly listed as: *Gruzian. Politehn. Inst. Trudy*)
- Vesci Akad. Navuk BSSR Ser. Fiz.-Mat. Navuk.* Vesci Akademii Navuk BSSR. Seryja Fizika-matematyčnyh Navuk. (Minsk)
- Vesci Akad. Navuk BSSR Ser. Fiz.-Těhn. Navuk.* Vesci Akademii Navuk BSSR. Seryja Fizika-Těhničnyh Navuk. (Minsk)
- Vestnik Akad. Nauk Kazah. SSR.* Vestnik Akademii Nauk Kazahskoi SSR. (Alma-Ata)
- Vestnik Har'kov. Gos. Univ.* Ministerstvo Vysšego i Srednego Special'nogo Obrazovaniya USSR. Vestnik Har'kovskogo Gosudarstvennogo Universiteta. Serija Mehaniko-Matematičeskaja. Zapiski Mehaniko-Matematičeskogo Fakulteta i Har'kovskogo Matematicheskogo Obščestva. (Kharkov) (Formerly: *Har'kov. Gos. Univ. Učen. Zap.*)
- Vestnik Leningrad. Univ.* Vestnik Leningradskogo Universiteta. (Leningrad)
- Vestnik L'vov. Politehn. Inst.* Ministerstvo Vysšego i Srednego Special'nogo Obrazovaniya USSR. Vestnik L'vovskogo Politehničeskogo Instituta. (Lvov)
- Vestnik Moskov. Univ. Ser. I Mat. Meh.* Vestnik Moskovskogo Universiteta. Serija I. Matematika, Mehanika. (Moscow)
- Vestnik Moskov. Univ. Ser. III Fiz. Astronom.* Vestnik Moskovskogo Universiteta. Serija III. Fizika, Astronomija. (Moscow) (Translated as: *Moscow Univ. Bull. Ser. III Phys. Astronom.*)
- Vidya.* Vidya (Knowledge). The Journal of the Gujarat University. (Ahmedabad)
- Vierteljahr. Naturforsch. Ges. Zürich.* Vierteljahrsschrift der Naturforschenden Gesellschaft in Zürich. (Zürich)
- Vijnana Parishad Anusandhan Patrika.* Vijnana Parishad Anusandhan Patrika (The Research Journal of the Hindi Science Academy). (Allahabad)
- Visnik Kiŭv. Univ.* Visnik Kiŭv'kogo Universitetu. (Kiev)
- Visnik L'viv. Derž. Univ. Ser. Meh.-Mat.* Ministerstvo Viščoŭ i Serečnoŭ Special'noi Osviti USSR. Visnik L'viv'kogo Ordena Lenina Deržavnogo Universitetu im. Ivana Franka. Serija Mehaniko-Matematična. (Lvov)
- Volž. Mat. Sb.* Ministerstvo Prosvetšeniya RSFSR. Kuibyševskii Gosudarstvennyi Pedagogičeskii Institut imeni V. V. Kuibyševa. Volžskii Matematicheskii Sbornik. (Kuybyshev)
- Voprosy Istor. Estestvoznani. i Tehn.* Akademiya Nauk SSSR. Voprosy Istorii Estestvoznaniya i Tehniki. (Moscow)
- Voprosy Kibernet. Vyčisl. Mat.* Akademiya Nauk Uzbekskoi SSR. Institut Kibernetiki i Vyčislitel'nykh Centrom. Voprosy Kibernetiki i Vyčislitel'noi Matematiki. (Tashkent) (Formerly: *Voprosy Vyčisl. Mat. Tehn.*)
- Voprosy Kosmog. Akademija Nauk SSSR.* Voprosy Kosmogonii. (Moscow)
- Voprosy Vyčisl. Mat. Tehn.* Akademiya Nauk Uzbekskoi SSR. Institut Mehaniki i Vyčislitel'nyi Centr. Voprosy Vyčislitel'noi Matematiki i Tehniki. (Tashkent) (Continued as: *Voprosy Kibernet. Vyčisl. Mat.*)
- Vyčisl. Mat. (Kiev).* Kievskii Gosudarstvennyi Universitet. Kafedra Vyčislitel'noi Matematiki. Vyčislitel'naja Matematika. (Kiev) (Continued as: *Vyčisl. Prikl. Mat. (Kiev)*)
- Vyčisl. Prikl. Mat. (Kiev).* Kievskii Gosudarstvennyi Universitet. Mezhvedomstvennyi Naučnyi Sbornik. Vyčislitel'naja i Prikladnaja Matematika. (Kiev) (Formerly: *Vyčisl. Mat. (Kiev)*)
- Vyčisl. Sistemy.* Akademija Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. Vyčislitel'nye Sistemy. Sbornik Trudov. (Novosibirsk)
- Vyčisl. Tehn. Voprosy Programm.* Leningradskii Ordena Lenina Gosudarstvennyi Universitet imeni A. A. Ždanova. Kafedra Vyčislitel'noi Matematiki i Vyčislitel'nyi Centr. Vyčislitel'naja Tehnika i Voprosy Programirovaniya. (Leningrad)
- Wiadom. Mat. Roczniki Polskiego Towarzystwa Matematycznego. Ser. II.* Wiadomości Matematyczne. (Warsaw)
- Wiss. Z. Ernst-Moritz-Arndt-Univ. Greifswald Math.-Natur. Reihe.* Wissenschaftliche Zeitschrift der Ernst-Moritz-Arndt-Universität Greifswald. Mathematisch-Naturwissenschaftliche Reihe. (Greifswald)
- Wiss. Z. Friedrich-Schiller-Univ. Jena/Thüringen.* Wissenschaftliche Zeitschrift der Friedrich-Schiller-Universität Jena/Thüringen. (Jena/Thüringen)
- Wiss. Z. Hochsch. Verkehrswesen "Friedrich List" Dresden.* Wissenschaftliche Zeitschrift der Hochschule für Verkehrswesen "Friedrich List" in Dresden. Die Anwendung mathematischer Methoden im Transport- und Nachrichtenwesen. (Dresden)
- Wiss. Z. Humboldt-Univ. Berlin Math.-Natur. Reihe.* Wissenschaftliche Zeitschrift der Humboldt-Universität Berlin. Mathematisch-Naturwissenschaftliche Reihe. (Berlin)
- Wiss. Z. Karl-Marx-Univ. Leipzig Math.-Natur. Reihe.* Wissenschaftliche Zeitschrift der Karl-Marx-Universität Leipzig. Mathematisch-Naturwissenschaftliche Reihe. (Leipzig)
- Wiss. Z. Martin-Luther-Univ. Halle-Wittenberg Math.-Natur. Reihe.* Wissenschaftliche Zeitschrift der Martin-Luther-Universität Halle-Wittenberg. Mathematisch-Naturwissenschaftliche Reihe. (Halle-Wittenberg)
- Wiss. Z. Pädagog. Hochsch. Potsdam Math.-Natur. Reihe.* Wissenschaftliche Zeitschrift der Pädagogischen Hochschule Potsdam. Mathematisch-Naturwissenschaftliche Reihe. (Potsdam)
- Wiss. Z. Techn. Hochsch. Chem. Leuna-Merseburg.* Wissenschaftliche Zeitschrift der Technischen Hochschule für Chemie Leuna-Merseburg. (Leuna-Merseburg)
- Wiss. Z. Techn. Hochsch. Ilmenau.* Wissenschaftliche Zeitschrift der Technischen Hochschule Ilmenau. (Ilmenau)
- Wiss. Z. Techn. Univ. Dresden.* Wissenschaftliche Zeitschrift der Technischen Universität Dresden. (Dresden)

ABBREVIATIONS OF NAMES OF JOURNALS

Wyższ. Szkoła Ped. Krakow. Rocznik Nauk.-Dydakt. Prace Mat.
Wyższa Szkoła Pedagogiczna w Krakowie. Rocznik Naukowo-
Dydaktyczny. Prace Matematyczne. (Cracow)

Yokohama Math. J. Yokohama Mathematical Journal. (Yokohama)

Z. Angew. Math. Mech. Zeitschrift für Angewandte Mathematik und
Mechanik. Ingenieurwissenschaftliche Forschungsarbeiten. (Ber-
lin)

Z. Angew. Math. Phys. Zeitschrift für Angewandte Mathematik und
Physik. ZAMP. Journal of Applied Mathematics and Physics.
Journal de Mathématiques et de Physiques Appliquées. (Basel)

Ž. Eksper. Teoret. Fiz. Akademija Nauk SSSR. Žurnal Ėksperi-
mental'noj i Teoretičeskoj Fiziki. (Moscow) (Translated as: *Soviet
Physics JETP*)

Z. Math. Logik Grundlagen Math. Zeitschrift für Mathematische
Logik und Grundlagen der Mathematik. (Berlin)

Z. Naturforsch. Zeitschrift für Naturforschung. (Tübingen)

Z. Phonetik Sprachwiss. Kommunikat. Zeitschrift für Phonetik
Sprachwissenschaft und Kommunikationsforschung. (Berlin)

Z. Physik. Zeitschrift für Physik. (Berlin-Göttingen-Heidelberg)

Ž. Prikl. Meh. i Tehn. Fiz. Žurnal Prikladnoj Mehaniki i Tehničeskoj
Fiziki. (Moscow)

Ž. Tehn. Fiz. Akademija Nauk SSSR. Žurnal Tehničeskoj Fiziki.
(Moscow-Leningrad) (Translated as: *Soviet Physics Tech. Phys.*)

Ž. Vyčisl. Mat. i Mat. Fiz. Akademija Nauk SSSR. Žurnal
Vyčislitel'noj Matematiki i Matematičeskoj Fiziki. (Moscow)
(Translated as: *U.S.S.R. Comput. Math. and Math. Phys.*)

Z. Wahrscheinlichkeitstheorie und Verw. Gebiete. Zeitschrift für
Wahrscheinlichkeitstheorie und Verwandte Gebiete. (Berlin)

Zap. Meh.-Mat. Fak. i Har'kov. Mat. Obšč. See *Vestnik Har'kov.
Gos. Univ.*

Zap. Naučn. Sem. Leningrad. Otdel. Mat. Inst. Steklov. (LOMI). Zapi-
ski Naučnyh Seminarov Leningradskogo Otdelenija Matematičeskogo
Instituta im. V. A. Steklova Akademii Nauk SSSR (LOMI). (Moscow)

Zastos. Mat. Polska Akademia Nauk. Instytut Matematyczny.
Zastosowania Matematyki. (Warsaw)

Zbl. Zentralblatt für Mathematik und ihre Grenzgebiete. (Berlin-
Göttingen-Heidelberg)

Zbl. Math. Zentralblatt für Mathematik und ihre Grenzgebiete.
(Berlin-Göttingen-Heidelberg) (Usually abbreviated *Zbl* in the text
of *Math. Reviews*)

Zeszyty Nauk. Mat. Fiz. i Chem. Wyt. Szkol. Ped. Gdańsk. Zeszyty
Naukowe Matematyka Fizyka i Chemia. Wyższa Szkoła Peda-
gogiczna w Gdańsku. Wydział Matematyki, Fizyki i Chemii.
(Gdańsk)

Zeszyty Nauk. Politech. Poznań. Zeszyty Naukowe Politechniki
Poznańskiej. (Poznań)

Zeszyty Nauk. Politech. Szczeciń. Zeszyty Naukowe Politechniki
Szczecińskiej. (Szczecin)

Zeszyty Nauk. Politech. Warszawsk. Mat. Politechnika Warszawska.
Instytut Matematyki. Zeszyty Naukowe. Matematyka i jej
Zastosowanie. (Warsaw)

Zeszyty Nauk. Univ. Jagiello. Prace Fiz. Zeszyty Naukowe
Uniwersytetu Jagiellońskiego. Prace Fizyczne. (Kraków)

Zeszyty Nauk. Univ. Jagiello. Prace Mat. Zeszyty Naukowe Uni-
wersytetu Jagiellońskiego. Prace Matematyczne. (Matematyka,
Fizyka, Chemia) (Kraków)

Zeszyty Nauk. Univ. Jagiello. Prace z Logiki. Zeszyty Naukowe
Uniwersytetu Jagiellońskiego. Prace z Logiki. (Cracow)

Zeszyty Nauk. Univ. Łódź. Nauki Mat. Przyrod. Ser. II. Zeszyty
Naukowe Uniwersytetu Łódzkiego. Nauki Matematyczno Przyrod-
nicze. Seria II. (Łódź)

Zhongguo Kexue Jishu Daxue Xuebao. (Peking) See *J. China Univ.
Sci. Techn.*

JOURNALS IN TRANSLATION

- Acta Mech. Sinica* (New York). *Acta Mechanica Sinica*. (New York) (Translation of *Acta Mech. Sinica* (Peking))
- Astrophysics*. *Astrophysics*. (A translation of *Astrofizika* of the Academy of Sciences of the Armenian SSR). (New York) (Translation of *Astrofizika*)
- Automat. Remote Control*. *Automation and Remote Control*. (A translation of *Avtomatika i Telemekhanika*, a publication of the Academy of Sciences of the USSR). (Pittsburgh, Pa.) (Translation of *Avtomat. i Telemekh.*)
- Chinese J. Phys. (Peking)* *Chinese Journal of Physics (Peking)*. (A translation of *Acta Physica Sinica* of the Chinese Academy of Sciences, Peking). (New York) (Translation of *Acta Phys. Sinica*)
- Chinese Math.-Acta*. *Chinese Mathematics*. Translation of *Acta Mathematica Sinica*. (Providence, R.I.) (Translation of *Acta Math. Sinica*)
- Cosmic Research*. *Cosmic Research*. (A translation of *Kosmicheskie Issledovaniya* of the Academy of Sciences of the USSR). (New York) (Translation of *Kosmich. Issled.*)
- Cybernetics*. *Cybernetics*. (New York) (A translation of *Kibernetika* (Kiev))
- Differential Equations*. *Differential Equations*. (New York) (Translation of *Differentsial'nye Uravneniya*)
- Engng. Cybernetics*. *Engineering Cybernetics*. English Edition of *Tekhnicheskaya Kibernetika*. (New York) (Translation of *Izv. Akad. Nauk SSSR Tehn. Kibernet.*)
- Functional Anal. Appl.* *Functional Analysis and its Applications*. (New York) (Translation of *Funktsional. Anal. i Prilozhen.*)
- Izv. Acad. Sci. USSR Atmospher. Ocean. Phys.* *Izvestiya Academy of Sciences USSR. Atmospheric and Oceanic Physics*. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Atmosfer. i Okeana*)
- Izv. Acad. Sci. USSR Phys. Solid Earth*. *Izvestiya Academy of Sciences USSR. Physics of the Solid Earth*. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Zemli*)
- J. Appl. Math. Mech.* *Journal of Applied Mathematics and Mechanics*. (Translation of the Soviet journal *Prikladnaya Matematika i Mekhanika*). (New York) (Translation of *Prikl. Mat. Meh.*)
- Magnetohydrodynamics*. *Magnetohydrodynamics*. (A translation of *Magnitnaya Gidrodinamika* of the Academy of Sciences of the Latvian SSR). (New York) (Translation of *Magnit. Gidrodinamika*)
- Math. USSR-Izv.* *Mathematics of the USSR-Izvestiya*. (Providence, R.I.) (Translation of *Izv. Akad. Nauk SSSR Ser. Mat.*)
- Moscow Univ. Bull. Ser. III Phys. Astronom.* *Moscow University. Moscow University Bulletin. Series III. Physics and Astronomy*. (Acton, Mass.) (Translation of *Vestnik Moskov. Univ. Ser. III Fiz. Astronom.*)
- Probleme der Kybernetik*. *Probleme der Kybernetik*. (Berlin) (Translation of *Problemy Kibernet.*)
- Problems of Information Transmission*. *Problems of Information Transmission*. (New York) (Translation of *Problemy Peredachi Informatsii*)
- Proc. Steklov Inst. Math.* *Proceedings of the Steklov Institute of Mathematics*. (Providence, R.I.) (Translation of *Trudy Mat. Inst. Steklov.*)
- Radio Engng. Electron. Phys.* *Radio Engineering and Electronic Physics*. (Translation of *Radiotekhnika i Elektronika*, a U.S.S.R. Academy of Sciences Publication). (New York) (Translation of *Radiotekh. i Elektron.*)
- Russian Math. Surveys*. *Russian Mathematical Surveys*. (A translation of the survey articles and of selected biographical articles in *Uspehi Matematicheskikh Nauk*). (London) (Translation of *Uspehi Mat. Nauk*)
- Siberian Math. J.* *Siberian Mathematical Journal*. (New York) (Translation of *Sibirsk. Mat. Z.*)
- Soviet Appl. Mech.* *Soviet Applied Mechanics*. (New York) (Translation of *Prikladna. Meh.*)
- Soviet Astronom. AJ.* *Soviet Astronomy. AJ.* (A translation of *Astronomicheskii Zhurnal* of the Academy of Sciences of the USSR). (New York) (Translation of *Astronom. Z.*)
- Soviet J. Nuclear Phys.* *American Institute of Physics. Soviet Journal of Nuclear Physics*. (New York) (Translation of *Jadernaja Fiz.*)
- Soviet Math. Dokl.* *Soviet Mathematics. Doklady*. (A translation of the mathematics section of *Doklady Akademii Nauk SSSR*). (Providence, R.I.) (Translation of mathematics section of *Dokl. Akad. Nauk SSSR*)
- Soviet Physics Acoust.* *Soviet Physics. Acoustics*. (A translation of *Akusticheskii Zhurnal* of the Academy of Sciences of the USSR). (New York) (Translation of *Akust. Z.*)
- Soviet Physics Cryst.* *Soviet Physics. Crystallography*. (A translation of the journal *Kristallografiya* of the Academy of Sciences of the USSR). (New York) (Translation of *Kristallografiya*)
- Soviet Physics Dokl.* *Soviet Physics. Doklady*. (A translation of the physics sections of *Doklady Akademii Nauk SSSR*). (New York) (Translation of physics sections of *Dokl. Akad. Nauk SSSR*)
- Soviet Physics JETP*. *Soviet Physics. JETP*. (A translation of *Z. Eksperimental'noi i Teoreticheskoi Fiziki* of the USSR). (New York) (Translation of *Z. Eksper. Teoret. Fiz.*)
- Soviet Physics Solid State*. *Soviet Physics. Solid State*. (A translation of the journal *Fizika Tverdogo Tela* of the Academy of Sciences of the USSR). (New York) (Translation of *Fiz. Tverd. Tela*)
- Soviet Physics Tech. Phys.* *Soviet Physics. Technical Physics*. (A translation of *Zhurnal Tekhnicheskoi Fiziki* of the Academy of Sciences of the USSR). (New York) (Translation of *Z. Tehn. Fiz.*)
- Soviet Physics Uspekhi*. *Soviet Physics. Uspekhi*. (A translation of *Uspehi Fizicheskikh Nauk* (Advances in the Physical Sciences) of the Academy of Sciences, U.S.S.R.). (New York) (Translation of *Uspehi Fiz. Nauk*)
- Soviet Radio Engng.* *Soviet Radio Engineering*. (A translation of *Izvestiya VUZ Radioelektronika* of the Higher Educational Institute of the USSR). (New York) (Translation of *Izv. Vys. Uchebn. Zaved. Radioelektron.*)
- Soviet Radiophys.* *Soviet Radiophysics*. (A translation of the *Izvestiya Vysish Uchebnykh Zavedenii Radiofizika* of the Ministry of Higher Education of the USSR). (New York) (Translation of *Izv. Vys. Uchebn. Zaved. Radiofizika*)
- Theor. Probability Appl.* *Theory of Probability and its Applications*. (An English translation of the Soviet journal *Teoriya Veroyatnostei i ee Primeneniya*). (Philadelphia, Pa.) (Translation of *Teor. Veroyatnost. i Primenen.*)
- Trans. Moscow Math. Soc.* *Transactions of the Moscow Mathematical Society*. (Providence, R.I.) (Translation of *Trudy Moskov. Mat. Obshch.*)
- U.S.S.R. Comput. Math. and Math. Phys.* *U.S.S.R. Computational Mathematics and Mathematical Physics*. (Oxford) (Translation of *Z. Vysh. Mat. i Mat. Fiz.*)

ERRATA AND ADDENDA

VOLUME 21 ✓

#1236: Schild, A.

After the author's name, insert "[Schild, Alfred]".

Index for Volume 21

On p. 1514, replace Schild, A. by Schild, Alfred and insert a new entry: "Schild, A. See Schild, Alfred."

VOLUME 27 ✓

#2881: Pivenko, V. N.

The author's name is V. N. Pivnenko.

#6275: Zeeman, E. C.

In the heading, replace "(1963)" by "(1964)".

Index for Volume 27

On p. 1344, read "Pivnenko, V. N." for "Pivenko, V. N."

VOLUME 28 ✓

#3324: Gel'fand, I. M.; Graev, M. I.; Vilenkin, N. Ja.

In the title, replace "distributions" by "representations".

#5804: Jordan, Pascual; Ehlers, Jürgen; Kundt, Wolfgang; Sachs, Rainer K.; Trümper, Manfred

Delete all authors' names except those of Wolfgang Kundt and Manfred Trümper. The first sentence of the title should be the last, i.e., should follow "V."

Index for Volume 28

On p. 1152, delete entry for Ehlers, Jürgen; on p. 1157,

under Gel'fand, I. M. entry 3324, in the title replace "distributions" by "representations"; on p. 1160, under Graev, M. I., in entry title replace "distributions" by "representations"; on p. 1168, delete entry for Jordan, Pascual; on p. 1175, under Kundt, Wolfgang, after *with* delete co-authors except Trümper, Manfred; also in the title transpose the first sentence so that it follows "V."; on p. 1200, delete the entry for Sachs, Rainer K.; on p. 1213, under Trümper, Manfred, after *with* delete all co-authors except Kundt, Wolfgang; also in the title transpose the first sentence so that it follows "V."; on p. 1215, under Vilenkin, N. Ja. entry 3324, in the title replace "distributions" by "representations".

VOLUME 29 ✓

#2254: Šopov, Petr

The author's name is Pet'r Šopov.

#3316a-c: Pontrjagin, L. S.; Boltjanskii, V. G.; Gamkrelidze, R. V.; Miščenko, E. F.

After the reviewer's name, replace "RŽMat 1963 #8 B280" by "RŽMat 1963 #8 V280".

Index for Volume 29

On p. 1394, replace Šopov, Petr by Šopov, Pet'r.

VOLUME 30 ✓

#2136: Gray, E.; Schild, A.

Replace the bracket after the second author's name by "[Schild, Albert]".

#3438: Ślebodziński, W.

In the second line from the bottom, replace the first "+" by "-". In the fourth line from the bottom, replace "- 2" by "+ 2".

Index for Volume 30

On p. 1114, under Gray, E., replace "*with* Schild, Alfred" by "*with* Schild, Albert"; on p. 1156, delete Schild, Alfred and transfer the entry to Schild, Albert.

VOLUME 32 ✓

#1589: Nekracova, L. V.

The author's name is L. V. Nekrasova.

#4457: Yadav, B. S.

Delete the bracket after the author's name.

#5087: Barut, A. O.

In line 11, change k to K twice. In line 14 from the bottom, insert "satisfies" after "and". Delete the last sentence.

#8839: Fischer, J.; Niederle, J.; Rączka, R.

After the first author's name, insert "[Fischer, Jan]".

Index for Volume 32

On p. 1637, delete the entry for Jadav, B. S.; on p. 1670, replace Nekracova, L. V. by Nekrasova, L. V.; on p. 1720, under Yadav, B. S., delete "See Jadav, B. S." and enter item 4457 attributed to Jadav, B. S.

VOLUME 33 ✓

#1329: Tol'skaja, T. S.

The third sentence of the review should read: "It is also proved that for a ring R , each injective left R -module is free if and only if R is a quasi-Frobenius local ring."

#1718: Amanov, T. I.

Replace $S_{p,q}^{(r)}$ by $S_{p,q}^{(r)} B$ in the title and in line 2, as well as in lines 4 and 10 from the bottom.

#8135: Mangeron, D.; Mateescu, Liliana; Šestopal, A. F.

The subtitle should read "The case of singlevaluedness of the inversion of the Schwarz-Christoffel integral for simply connected rectilinear polygons."

#8139: Ainola, L.

Name in brackets should be "Ainola, L."

#8202: Brumbery, V. A.

The author's name is V. A. Brumberg.

Index for Volume 33

On p. 1448, the entry for Ainola, L. should read "See Ainola, L." and the entry Ainola, L. should read Ainola, L.; on p. 1461, replace Brumbery, V. A. by Brumberg, V. A.

VOLUME 34

#2606: Latyšev, V. N.

Replace " $xy^m = \sum_{r=1}^m \alpha_r y^r \times y^{m-r}$ " by " $xy^m = \sum_{r=1}^m \alpha_r y^r y^{m-r}$ ".

#2781: Rączka, R.; Fischer, J.

After the second author's name, insert "[Fischer, Jan]".

#2782: Fischer, J.; Rączka, R.

After the first author's name, insert "[Fischer, Jan]".

#2790: Yadav, B. S.

Delete the bracket after the author's name.

#2818: Georgiou, Paul

Delete the bracket after the author's name.

#3914: Gachok, V. P.

After the author's name, insert "[Gačok, V. P.]".

#4287: Brualdi, R. A.; Newman, M.

Replace the bracket after the second author's name by "[Newman, Morris]".

#4322: Chamontin, Françoise; Goblot, M. Rémi

In the second author's name, delete the initial M.

#4797: Yadav, B. S.

Delete the bracket after the author's name.

#5072: Glaser, L. C.

Year in heading should be "(1967)".

#5115: Georgiou, Paul

Delete the bracket after the author's name.

#7041: Martynovič, T. L.; Korduba, B. M.

After the first author's name, insert "[Martinovič, T. L.]".

#7390: Carlitz, L.

In the fourth line, replace " $\binom{i_1+i_2}{i_1}$ " by " $\binom{i_1+i_2}{i_2}$ ".

#8798: Aczél J.; Pfanzagl, J.

Reviewer's correction: "The authors correctly showed that the general differential solution of the inequality $\sum p_i f(p_i) \geq \sum p_i(q_i)$ is $f(q) = c \log q + a$. The form $a \log q + a_i$ solves the more general inequality $\sum p_i f_i(p_i) \geq \sum p_i f_i(q_i)$."

#8861:

Replace "R. F. Drenick, System ... processes" by "R. Kalaba, Invariant imbedding and the analyses of processes; R. F. Drenick, System causality and signed probability".

VOLUME 54 *cont.*

Index for Volume 34

On p. 1639, in the entry for **Brualdi, R. A.** item 4287 should read "(with Newman, Morris)"; on p. 1655, replace **Fischer, J.** by **Fischer, Jan**; on p. 1658, change the name **Gachok, V. P.** to **Gáčok, V. P.** and insert a new entry: "**Gachok, V. P.** *See* **Gáčok, V. P.**"; on p. 1660, replace **Georgios, Paulos** by **Georgiou, Paul** and delete the present entry for **Georgiou, Paul**; on p. 1674, delete the entry for **Jadav, B. S.**; on p. 1682, under **Korduba, B. M.** replace "with **Martynovič, T. L.**" by "with **Martinovič,**

T. L."; on p. 1696, after **Martynovič, T. L.** write "*See* **Martinovič, T. L.**" and transfer item 7041 to a new entry under **Martinovič, T. L.**; on p. 1705, the entry for **Newman, M.** should read "*See* **Newman, Morris**"; delete the name **Newman, Malcolm K.** and transfer the entry under this name to **Newman, Morris**; on p. 1748, from the entry for **Yadav, B. S.** delete "*See* **Jadav, B. S.**" and transfer to **Yadav, B. S.** items 2790 and 4797 attributed to **Jadav, B. S.**

VOLUME 35

#172: **Armitage, J. V.**

In the first sentence, replace " $R = \bigcap_i O_{\mathfrak{P}_i}$, where" by " $R = \bigcap O_{\mathfrak{P}}$, where \mathfrak{P} runs over all places different from $\mathfrak{P}_1, \dots, \mathfrak{P}_s$, and".

#290: **Flor, Peter**

In the statement of the theorem in the second paragraph of the review, the hypothesis that Y consists entirely of almost periodic points should be inserted. In the statement of the theorem in the third paragraph, the word "absolument" should be omitted from condition (a); condition (b) should read " $f \in A$ et $S_\alpha S_\beta f = S_\alpha f \Rightarrow S_\beta f = f$ ".

#2306: **Georgiou, Paul**

Delete the bracket after the author's name.

#2533: **Martynovič, T. L.**

After the author's name, insert "[**Martinovič, T. L.**]".

#2998: **Laxton, R. Robert; Parry, William**

In the fourth line, instead of "finitely generated" read "finitely generated with respect to the dual automorphism".

#3237: **Billigheimer, C. E.**

The first equation should read $\square^2 u = bu + cu^2$.

#4067:

In the Cyrillic title, replace Γ by Γ four times. Between the first two dates and the bracket, insert "(Ukrainian)".

#4250: **Gupta, H. R.**

The author's name is **H. N. Gupta**.

#4288: **Ščukin, K. K.**

In lines four to six, delete "(introduced by ... MR 29 #1260)".

#4345a-b: **Erwe, Friedhelm**

Both volumes are second editions. The first editions were published in 1964, Volume I being reprinted in 1967.

#4432: **Žil'cov, V. A.**

In the second sentence of the review, the reference should be to a paper of **F. Bagemihl** [Proc. Nat. Acad. Sci. U.S.A. 41 (1955), 379-382; MR 16, 1095]. In the second reference, replace "ibid." by "Michigan Math. J.".

#4642: **Lorentz, G. G.**

The author remarks that the proof of a theorem about rational approximation, quoted in the review, contains an error. A somewhat weaker version is obtainable in this way, namely

$$\omega(h) \leq M(h/\delta) \log^{1+\varepsilon}(\delta/h) \sum_{0 \leq n \leq h/\delta} \phi(n), \quad 0 \leq h \leq \delta.$$

#4662: **Yadav, B. S.**

Delete the bracket after the author's name.

#4883: **Negrepontis, Stelios**

In line 2 of the review, replace "in X " by "in βX "; in line 5, " C -embedded" by " C^* -embedded"; in line 6, "in X " by "in βX ".

#5101: **Anderson, T. W.**

The second sentence of the review, "Though not explicitly stated, etc." should be replaced by the following: "A sufficient condition for the results is that the cutting functions $h_j(x)$ have continuous distribution functions, as stated in the paper, and the procedures are based on these functions." The reviewer is grateful to the author for pointing this out to him.

#5465: **Smits, Theodorus Hermanus Maria**

In line 8 of the review, read $\delta_1 = \delta^{l-1}\alpha$. In line 15, read $ya = (a\beta)y - (a\beta)\delta$.

#5957: **Georganopoulos, Georgios**

In the title, read L_* instead of L_δ .

#6770: **Taguchi, Toriichi; Saitō, Tōru**

After journal name, insert "(4)". Between comma and page numbers, insert "no. 2".

#6877: **Singh, Y. P.**

Delete the bracket after the author's name.

VOLUME 35 cont.

#6910: Hudai-Varenov, M. G.

In line 7, replace "Mal'ikvista" by "J. Malmquist".

Index for Volume 35

On p. 1467, replace Georgios, Paulos by Georgiou, Paul and delete the present entry under Georgiou, Paul; on p. 1471, replace Gupta, H. R. by Gupta, H. N.; on p. 1479,

delete the entry for Jadav, B. S.; on p. 1498, after Martynovič, T. L., add "See Martinovič, T. L." and remove the two items to a new entry under Martinovič, T. L.; on p. 1528, delete the entry for 6877 under Singh, S. P. and insert it in place of "See Singh, S. P." under Singh, Y. P.; on p. 1545 from the entry for Yadav, B. S., delete "See Jadav, B. S." and transfer to Yadav, B. S. item 4662 attributed to Jadav, B. S.

VOLUME 36

#90: Saitō, Tōru; Tsukada, Kishio

After journal name, insert "(4)". Between comma and page numbers, insert "no. 2,".

#164: Abhyankar, Shreeram Shankar

In line 12 from bottom after " $\deg(\pi_a \cdots \pi_1 \pi_0) <$ " insert " ∞ ".

#186: Gries, D.; Stoer, J.

In line 12 read " $K(\Lambda(A)) = G[A, \|\cdot\|]$ " for " $K(\Lambda(A)) \subset G[A, \|\cdot\|]$ ".

#288: Lesohin, M. M.

In the second sentence, replace " $\chi \in S$ " by " $\chi \in B$ ".

#338: Luther, Norman Y.

In line 6, replace " μ " by "the outer measure extension of μ ".

#581: Vorob'ev, N. N.

After the author's name, insert "[Vorob'iov, M. M.]".

#875: Hu, Sze-tsen

In sentence seven of paragraph two, replace "number of calls" by "number of cells".

#1187: Brans, J. P.

The correct title of the article is: "Le problème de la ruine en théorie collective du risque. Cas non markovien. II. Cas des opérations à capitaux risques négatifs. Le processus $\{Z_N(t), t \geq 0 | Z_N(0) = u\}$."

#1567: Yasui, Toshiko

After journal name, insert "(4)". Between comma and page numbers, insert "no. 2,".

#1983: Brown, G.

Name in brackets should be "Brown, Gavin".

#2382: Brans, J. P.

In the title, insert a period after the first "risque" and capitalize the next word "Cas".

#2424: Landau, H. J.; Slepian, David

The authors have informed the reviewer that S. Farber [Ph.D. Thesis, Department of Electrical Engineering, Cal. Tech., 1968] has shown that the proof (of global optimality of the regular simplex) is wrong. Specifically, while the inequalities would appear to be correct, the statement that the equality holds for the regular simplex is correct only in three dimensions or less.

#2775: Georgiou, Paul

In line 7 from the bottom, replace " $\int_a \zeta dw$ " by " $\int_a \zeta dw$ ".

#3093: Guseinov, A. I.; Muhtarova, H. Š.

Following the name of the second author, insert [Muhtarov, H. Š.].

#3226: Sopov, S. P.

In the reference in line 9 from bottom, after "(Russian)," insert "pp. 420-446, § 4,".

#3734: Meijer, H. G.

In sentence 1 replace Z_g by Q_g . In sentence 2 replace Q_g by Z_g .

#4470: Tanaka, Noboru

In line 9 from the bottom replace g by g .

#4580: Vidal, Enrique

After the author's name, insert "[Vidal Abascal, Enrique]".

#5053: Fichtner, K.

After the author's name, insert "[Fichtner, K.]".

TRANSLITERATION OF CYRILLIC

Russian Letter Cap. Ital.	Mathematical Reviews; Zentralblatt für Mathematik	Bulletin Signalétique	Applied Mechanics Reviews	Science Abstracts	U.S. Library of Congress	Amer. Slavic & E. European Review	Journal of Symbolic Logic
А а	a	a	a	a	a	a	a
Б б	b	b	b	b	b	b	b
В в	v	v	v	v	v	v	v
Г г	g	g	g	g	g	g	g
Д д	d	d	d	d	d	d	d
Е е	e	e	e	e	e	e	é
Ё ё	e	ē	e	ē	ē	ē	ē
Ж ж	zh	zh	zh	zh	zh	zh	zh
З з	z	z	z	z	z	z	z
И и	i	i	i	i	i	i	i
Й й	i	j	i	i	i	j	j
К к	k	k	k	k	k	k	k
Л л	l	l	l	l	l	l	l
М м	m	m	m	m	m	m	m
Н н	n	n	n	n	n	n	n
О о	o	o	o	o	o	o	o
П п	p	p	p	p	p	p	p
Р р	r	r	r	r	r	r	r
С с	s	s	s	s	s	s	s
Т т	t	t	t	t	t	t	t
У у	u	u	u	u	u	u	u
Ф ф	f	f	f	f	f	f	f
Х х	h	kh	kh	kh	kh	kh	h
Ц ц	c	c	ts	ts	ts	o	c
Ч ч	ch	ch	ch	ch	ch	ch	ch
Ш ш	sh	sh	sh	sh	sh	sh	sh
Щ щ	sch	shch	shch	shch	shch	sch	sch
Ъ ъ	'	'	'	'	'	'	'
Ы ы	y	y	y	y	y	y	y
Ь ь	'	'	'	'	'	'	'
Э э	è	e	e	é	é	è	e
Ю ю	ju	ju	yu	yu	ju	ju	ú
Я я	ja	ja	ya	ya	ja	ja	á

Other *Mathematical Reviews* conventions are as follows:

The Ukrainian І, і are transliterated I, i, respectively.

The Ukrainian І, і are reproduced without change.

The Serbian Ъ, ъ are transliterated Đ, đ, respectively.

The Serbian Ъ, ъ are transliterated Č, č; the Serbian Ы, ы are transliterated Dž, dž.

